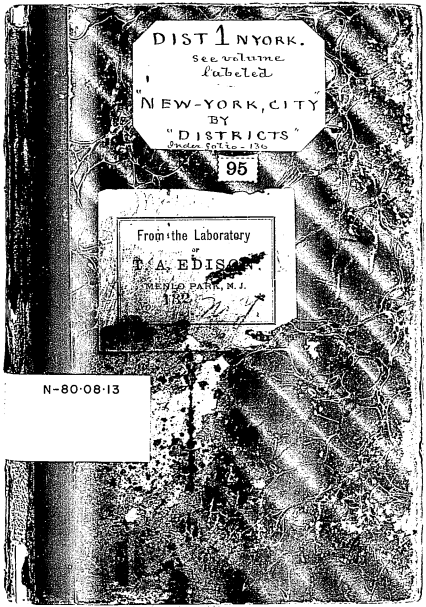
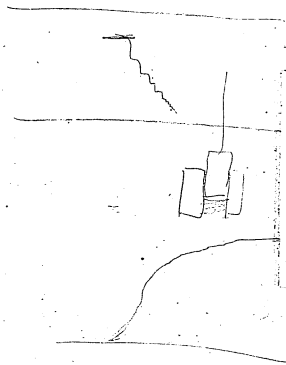
Menlo Park Notebook #132 [N-80-08-13]

This notebook covers the period August-December 1880. Most of the entries are by Francis Upton and Hermann Claudius. There are also a few entries by Edison. The material by Edison includes notes and drawings of electric meters. The material by Upton (who was assisted by another laboratory worker, possibly William Hammer) includes notes and calculations relating to lighting and power consumption in the Pearl Street district, based on statistics from the New York survey books. The material by Claudius also includes calculations, tables, and notes on lighting and power consumption in the first district, based on the survey books. An index to Claudius's entries appears on page 130. The label on the front cover is marked "Dist 1 N York. see volume labeled 'New-York City' By 'Districts' Index folio-130." Another label is marked "Meters" and "N.Y." The book contains 284 numbered pages.

Blank pages not filmed: 98-99, 118-123, 206-209, 236-239, 256-284.


DIST 1 NYORK.
See volume
labeled
"NEW-YORK, CITY"
BY
"DISTRICTS"
Index Folio - 130
95
From the Laboratory
of
T. A. EDISON
MENLO PARK, N. J.
N-80·08·13



WILLIAMS & PEUME
Publishers, Stationers
Blank Book Manufacturers
777 Broad St. Newark N.J.

T a E Aug 13 1880

Use a Dynamo Gobbin, in a
shunt from the house circuit as
we need use our [illegible] cell.

[illegible] tens on 3 [illegible]
wheels with a Revolving Chain
field with [illegible] A Regular
Counter gives the Revolutions in a
month, the Rev. being proportionate to the

LIBRARY OF THE

BOARD OF PATENT CONTROL,

120 BROADWAY, NEW YORK.

from Library
GENERAL ELECTRIC
at Schenectady N.Y.

May 1, 1890

WILLIAMS & PEUM,
Publishers, Stationers
and
Blank Book Manufacturers,
771 Broad St. Newark N.J.

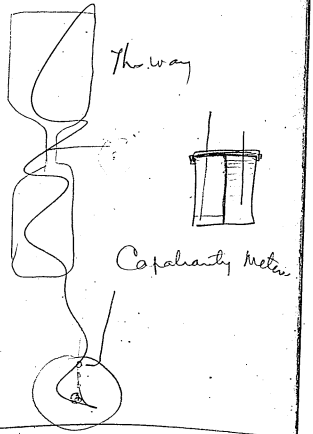
T a E Aug 13/1890

Use a Dynamo Bobbin, in a Shunt from the house circuit as we need use our Copper cell. The field Magnets should be large & multiple and in the means, having such high Res that it would give Current up to near saturation. The Bobbin is connected by Bay ~~[illegible]~~ ~~with an [illegible] with a dash [illegible] in which [illegible]~~ two or 3 gear wheels with a Revolving Chum filled with glycerine. A Regular Counter gives the Revolutions in a month, the Rev being proportionate to the

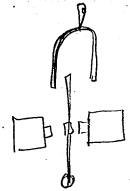
Vallomitter, in place of
Copper cells

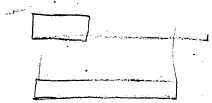
A Dynamo bobbin in place
of Dobbins axial magnet
& paper Drums an arm
from Dynamo bobbin has pencil
touching paper, a spring
prevents bobbin turning round
more than 3/4 of a Revolution
work this upwards a Counter
If paper is not revolved at Electric
motor governed by a pendulum
could be used to give
motion to the paper to get
the timing

+ −



Water meter - with a trip worked by a 3/4 turn Dynamo G.E.Co





~~Book~~ Having a 0".008 X 0".012 carbon giving 2 candles to find the size of one to give 12 candles in same circuit or any number of candles

~~.017~~	~~.017~~
~~.008~~	~~.009~~
~~.000136~~	153

138.153 :: 1820 :

	3.2601
	2.1399
	1.1202
17 / 8	2.1847
25	26
	3.3049
	Logs. Comp. 6 1.3979
	8.5850
	3.2878

2010 ft/c

1940

1940

2.25	.3522
	1.4150
	8.6021
2.34	.3693

17
10
170

	1.1202
	2.2304
	3.3506
	1.3979
	4.5686
2078	3.3171

3.	.4771
	8.6021
	1.4314
3.24	.5106

17
11
17
17
187

1.1202
2.2718
3.3920
1.3979
8.5528
3.3427

2460
~~2460~~

28

4

3.4

0.5315
8.6021
1.4472
.5808

3.8

2200

1.7
1.2
34
17
2.04

17
12
29

1.1202
2.3096
1.3979
8.5376
3.3653

1.1202
1.3979
2.5181

2310

4.1

0.6128
8.6021
0.4624
9.6773

47

14
17
98
14
238

31

2.5181
2.3766
8.5086
3.4033

2530

5.25

0.7202
8.6021
1.4914
.8137

6.5

16
17
112
16
272

16
17
33

2.5181
2.4346
8.4814
3.4341

2720.

6.3

0.7993
8.6021

8.3

9.5185
.9199

18
17
126
18
306

18
17
35

2.5181
2.4857
8.4559
3.4597

2880

7.7

0.8865
8.6021
1.5441
1.0327

10.7

22
14
176
22
396

14
22
39

2.5181
2.5977
8.1399
3.5137

3240

12.2

1.0864
8.6021
1.6021
1.2986

19.6

~~97.5~~ ~~1.9899~~ 96 1.9823
~~1.9899~~ 1.9823
~~1.6464~~ 1.6464
~~156~~ ~~7.8069~~ 7.8027
2700 3.4313 3.4137

143 2.0128
2.0128
1.6464
156 7.8069.
3010 3.4789

18
20
340

2.51881
2.5563
8.4262
3.4944 3120

9. 0.9542
8.6021
1.5798
1.1361 13.7

17
20
340

1.1202
2.5315
3.6517 4480

1.3979
8.4318
3.4814 3030

9 0.9542
8.6021
1.5682
1.1245 13.3

4.5783
2.6517
.9268
9.3 per H.P.

$$\begin{array}{r} 022 \\ 17 \\ \hline 154 \\ 22 \\ \hline 374 \end{array} \qquad \begin{array}{r} 1.1202 \\ 2.5729 \\ \hline .6931 \end{array}$$

None of these calculations are right for a lamp with increased cross section does not only take as many times the ft. lbs. as its cross section is greater but more owing to the fact that it dec— creases its resistance

Standard Number

$0''.012 \times 0''.012 \times 6''$

What will $0''.017 \times 0''.017 \times 6''$ give

$\frac{34}{24}$ times the light with same temperature

$\frac{34}{24}$ times the ft. lbs.

$$\begin{array}{r} 17 \\ 17 \\ \hline 139 \\ 17 \\ \hline 309 \end{array} \qquad \frac{144}{309} \text{ the resistance}$$

$\sqrt{\frac{34}{24} \div \frac{144}{309}}$ times the E.M.F

$$\frac{\mathcal{E}^2}{r} 44.3 = \text{ft. lbs}$$

$$\mathcal{E}^2 = \frac{\text{ft. lbs} \times r}{44.3}$$

$$\mathcal{E} = \sqrt{\frac{\text{ft. lbs} \times r}{44.3}}$$

No. 1 Standard $0''.012 \times 0''.012 \times 6''$.
when cut

No. 2 Other $0''.00m \times 0''.00n \times 6''$.
what candle power

Let a = candles from Bunsen
R = ohms standard
$\mathcal{E}$ = E.M.F. of standard

$$d = \frac{\mathcal{E}^2 44.3}{R} = \text{ft. lbs on dynamo}$$

Same temperature both

$\frac{m+n}{24} a$ = candles from No. 2

$\frac{144}{mn} R$ = resistance No. 2

$\frac{m+n}{24} d$ = ft. lbs. of No. 2

$$\sqrt{\frac{\frac{m+n}{24} d \times \frac{144}{mn} R}{44.3}} = \text{E.M.F. No. 2}$$

$\frac{\mathcal{E}^2}{R}$ 44.3 = ft. lbs

$R = \frac{\mathcal{E}^2\ 44.3}{\text{ft lbs.}}$

17
17
139
17
309

2.0124
2.0128
1.6469
65085
2.1806

151.

1.5315
1.3802
.1513
3.4914
3.6427
1.8490
8.3536
3.8453
1.9226

2.1584
7.5100
2.1806
1.8490

$a = 10$ candles
$d = 3{,}100$ ft. lbs.
$\mathcal{E} = 103$ Volts
$R = 151$ Ohms
$m = 17\ \frac{1}{1000}''$
$n = 17\ \frac{1}{1000}''$

$$\frac{m+n}{24}\,a = \frac{34}{24}\,10 = 14.1 \text{ candles}$$

$$\frac{144}{mn}\,R = \frac{144}{309}\,151 = 70.6 \text{ Ohms}$$

$$\frac{m+n}{24}\,d = \frac{34}{24}\,3{,}100 = 4390 \text{ ft lbs}$$

$$\sqrt{\frac{\frac{m+n}{24}\,d \times \frac{144}{mn}\,R}{44.3}} = 83.6 \text{ Volts}$$

$$d = \frac{\mathcal{E}^2}{R}\,44.3$$

$$a = f(d)$$

$$\frac{m+n}{24} f(d) = 15$$

$$\sqrt{\frac{\frac{m+n}{24} d \times \frac{144}{mn} f'(d)}{443}} = 10d$$

$$R = \frac{\mathcal{E}^2\ 44.3}{\text{ft. lbs}}$$

154.5

2.0233
2.0233
1.6464
6.4949
2.1877

2.1584
7.5884
2.1889
1.9357

84
25
3.360
81
103
41.3

3.5872
1.9357
8.3536
3.8765

3.6163
1.9357
8.3536
3905 6
1.9528

1.9382
1.9382
1.6464
8.0643
3.5891

$a = 12$ candles

$d = 3200$ ft lbs.

$\mathcal{E} = 105.5$

$R = 154.5$ ohms

$m = 17$

$n = 14$

17
14
68
17
258

17
14
31

$$\frac{m+n}{24}\,a = \frac{31}{24}\,12 = 15.5 \text{ candles}$$

$$\frac{144}{mn}\,R = \frac{144}{258}\,154.5 = 86.2 \text{ ohms}$$

$$\frac{m+n}{24}\,d = \frac{31}{24}\,3200 = 4133$$

$$\sqrt{\frac{\frac{m+n}{24}\,d \times \frac{144}{mn}\,R}{44.3}} = 89.7 \text{ volts}$$

2.1584
7.6556
2.1875
2.0015

3275
814
4089

3.6116
2.0015
8.3536
3.9667
1.9833

$a = 13$
$d = 3275$
$\mathcal{E} = 166.7$
$R = 154$
$m = 17$
$n = 13$

17
13
51
17
221

$$\frac{m+n}{24} a = \frac{30}{24} 13 = \frac{5}{4} 13 = 16.25$$

$$\frac{144}{mn} R = \frac{144}{221} 154 = 100 \text{ Ohms}$$

$$\frac{m+n}{24} d = \frac{30}{24} 3275 = 4089$$

$$\sqrt{\frac{\frac{m+n}{24} d \times \frac{144}{mn} R}{44.3}} = 96.2$$

$$a = \frac{48}{25} = 1.92$$

2.1584
7.8665
2.2211
2.2460

1.3979
8.6198
3.25553
3.2730

2.2460
3.2730
8.3536
3.8726
1.9363

$a = 1.92$ candles
$d = 1800$
$E = 82.2$
$R = 166.4$
$m = 17$
$n = 8$

$$\begin{array}{r} 17 \\ 8 \\ \hline 136 \end{array} \qquad \begin{array}{r} 17 \\ 8 \\ \hline 25 \end{array}$$

$$\frac{m+n}{24} a = \frac{25}{24} a = 2$$

$$\frac{144}{mn} R = \frac{144}{136} 166.4 = 176$$

$$\frac{m+n}{24} d = \frac{25}{24} 1800 = 1870$$

$$\sqrt{\frac{\frac{m+n}{24} d \times \frac{144}{mn} R}{44.3}} = 86.4$$

$\frac{5}{6} a = 2$

$5a = 12$

$a = 2.4$

2.1584
8.0177
2.2172
2.3933

$\frac{5}{6}$ 2000

$\frac{5}{3}$ 1000

335
5
1666

3.2219
2.3933
8.3536
3.9788

4.5185
3.2219
1.2966

19.8 per H.P.
2
38.6 candles per H.P.

$a = 2.4$

$d = 2000$

$\varepsilon = 85$

$R = 164.9$

$m = 12$

$n = 8$

$\frac{m+n}{24} a = \frac{20}{24} a = 2$

$\frac{144}{mn} R = \frac{144}{96} R = 247$

$\frac{m+n}{24} d = \frac{20}{24} 2000 = 1666$

$$\sqrt{\frac{\frac{m+n}{24} d \times \frac{144}{mn} R}{44.3}} = 95.2 \text{ Volts}$$

2.1584
7.6904
2.1889
2.0377

29 | 11600
~~400~~
3866

3.5872
2.0377
8.3534
3.9785

1.9892
1.9892
1.6464
7.9623
3.5871

3860

$a = 12$

$d = 3200$

$\mathcal{E} = 105.5$

$R = 154.5$

$m = 17$

$n = 12$

17
12
34
17
204

$m+n = 29$

$mn = 204$

$$\frac{m+n}{24} a = \frac{29}{24} 12 = 14.5$$

$$\frac{144}{mn} R = \frac{144}{204} 154.5 = 109.$$

$$\frac{m+n}{24} d = \frac{29}{\cancel{24}_{3}} \overset{400}{\cancel{3200}} = 3866$$

$$\sqrt{\frac{\frac{m+n}{24} a \times \frac{144}{mn} R}{44.3}} = 97.6$$

21)48 (2·28
42
60
42
180

$\bar{2}.1584$
7.9666
2.2180
2.3430

1.3222
$\bar{8}.6198$
3.2911
3.2321
2.3430
$\bar{8}.3536$
3.9297
1.9648

1710

$a = 2.28$
$d = 1955$
$\mathcal{E} = 84.5$
$R = 165.2$
$m = 12$
$n = 9$

$\frac{12}{9}$
108

$$\frac{m+n}{24}\,a = \frac{21}{24}\,a = 2$$

$$\frac{144}{mn}R = \frac{144}{108}\,165.2 = 220$$

$$\frac{m+n}{24}\,d = \frac{21}{24}\,1955 = 1710$$

$$\sqrt{\frac{\frac{m+n}{24}d \times \frac{144}{mn}R}{44.3}} = 92.2 \text{ Volts}$$

11)24
2.18

16.54
12
3308
1654
19848

1.9227
1.9227
1.6464
7.7815
3.2733

1.0414
8.9208
3.2733
3.2356
2.2984
8.3536
3.8875
1.9437

4.5165
3.2355
1.2830

19.1 per H.P

$a = 2.18$
$d = 1870$
$\varepsilon = 83.7$
$R = 165.4$
$m = 12$
$n = 10$

$$\frac{m+n}{24} a = \frac{22}{24} a = 2$$

$$\frac{144}{mn} R = \frac{144}{120} R = \frac{12}{10} 165.4 = 198.48$$

$$\frac{m+n}{24} d = \frac{22}{24} 1870 = 1720$$

$= 87.8$

2.0178
2.0178
1.6464
7.8097
3.4917
1.4771
8.6198
3.5886
2.0043
8.3536
3.9465
1.9232

155
13.7

2.1584
7.6556
2.1903
2.0043

$a = 11$

$d = 3100$

$E = 104.2$

$R = 155$

$m = 17$

$n = 13$

$m+n$ 17 · 13 = 30

mn 17 · 13 = 51 · 51 = 221

$$\frac{m+n}{24} 11 = \frac{30}{24} 11 = \frac{5}{4} 11 = 13.7$$

$$\frac{d44}{mn} 155 = \frac{144}{221} 155 = 101 \text{ Ohm}$$

$$\frac{m+n}{24} d = \frac{30}{24} \$100 = 3888$$

$= 84$ Volts

292.
24.3

3.00
20 5
10

Book 1

2.00	4
4.00	4
24.20	80
25.	55
.60	2
30.	3.50
10	7
1.25	5
18.	2
30	5
4	5.80
2	22
2	20.75
1	3
12	7
3	12.50
3	200
1.25	7
1.00	1.25
1.50	.75
1.40	2.
4	3.50
3.50	12
3	6
3.50	1
2.00	1
4	1
18	2.50
20	.75
2	3.50
30	6
237.60	490.80

40
60
80
50
30
50
30
60
100
100
150
100
900

25

900
30
900
27,000
.25
135
54
675.000

237.60
490.80
345.50
268.75

2.25) 13426.5 (596
2 25
1125
2176
2025
1515
1355
160

180

596

Book 1

25
3
8
8
2
4
4
4
3
4
4
1.50
6
1
7
2
8
200
2.50
5
1
1.50
2.50
10
1
2
11
1.50
2
1
345.50

3.50
75
4
3
2.50
11
50
1.50
50
12
1
20
8
9
1
1.50
6
1.50
15
75
25
9
4
4
268.75

	5 P.M
4 P.M	5
4	5
	5
	5
	5
	5
6-30	

				7
6	6 6	5 30	7 P.M	
6	6 6	5 70	7	12 P.M
6	6 6	5 30	7	12
6	6 6	5 30		
		5 70		
6	6 6	5 70	7	
6	6 6	5 30		
		5 70		
6	6 6 6 6	5 30		
6	6 6 6 6	5 30	8 P.M	
6	6 6 6 6	5 30	8	
6	6 6 6 6	5 70		
		5 70		
6	6 6 6 6	5 70		
6	6 6 6 6			
6	6 6 6 6		10 P.M	
6	6 6 6 6		10	
6	6 6 6 6			
6	6 6 6 6		all night	
6	6 6 6 6			
6	6 6 6 6			
6	6 6 6 6			
6	6 6 6 6			
6	6 6 6 6			
6	6 6 6 6		9	
6	6 6 6 6		9	
6	6 6 6 6			
6	6 6 6 6			
6	6 6 6 6			

12
6
3
1
5
5
6
$38
150
6.
145.50

18
17
35

45

4

104

2

45
27.5
2
145

6
1
$2.00.

1
6
5
2
2
2
20

$12 a week
$16 a month
$6 a week
$3 a week
$1.50
$1 a week
3 cent
3 cent
17 a month
$104 a year
$312 a year

.33	
2.5	Two hand presses
5.	Two machines
3.	
14.	2 —
7.5	6
9.	1
5	2
9.	2
5	1
12	1
10	2
20	1
	3
102.33	1
7	1
109. H.P.	1
	1
	1
	2
	2
	34

Book 1 Power used

—	$500 a week
—	500 a week
—	300 a year
10	
3 —	1 ton coal per month
—	Horse for hoisting
2	Boiler engines 2 tons per month
1	
—	$6.00 a week
3.5	Ton per month Calorine
3.5	Calorine 1/2 ton per mo
4.5	Calorine
27.5	1 ton per month

Book 1 Power used

	Use horse
.5	$1.00 per week
.5	$1.00 per week
.5	For hunting.
.5	
2.	Engine 1 ton a week

Book 1 Maximum burners

6
100
50
8
3
45
15
20
2
1
6
2
4
1
1
2
3
2
2
2
6
4
275

to sixt
but 4.30 & 5
all night

20
8
9
1
22
6
12
20
5
6
4
2
6
1
1
4
129

5
25
6
8
12
25
9
1
1
12
8
6
2
2
2
4
1
4
4
20
157

365
25
1815
730
9125

30)596.000

938

250
127
157
129
275
938

4	4
4	6
7	4
2	12
2	25
10	1
60	1
3	12
2	1
1	20
2	16
4	20
6	2
1	20
2	6
6	2
2	8
2	30
1	16
4	20
1	12
	6
	6
127	250

average Rank 1

596.000	5.7752
938	2.9722

2.8030

~~6.35~~

635 feet per month

2.8030
1.4150
1.3880

24.4 feet per day

26 days of five hour

Books 1 Gas companies

NY

Mutual

29

1

35 Mutuals

77 New York

110

15 11

77

770
500
406
324
340
2340
496
64
7
2907

272
181
43
496

Shades
4
12
2
6
25
5
10
6
64

Will

Co
4
12
25
20
25
30
8
40
70
10
324

50
200
20
60
4
6
346

89
2
8
2
4
3
6
12
2
4
43

Parts Without

15
150
30
50
8
50
45
8
3
2
5
2
1
2
1
8
16
30
6
25
118
5
20
90
18
12
50
770

12
8
2
6
1
3
1
1
6
1
22
37
25
12
8
20
10
20
10
7
10
12
500

Fixtures clean

4
2
1
2
7
6
10
3
5
8
12
30
105
20
10
9
10
20
3
12
40
6
10
9
9
4
8
12
20
25
406

g.g.

100
4
20
7
3
6
4
2
12
4
6
6
16
9
3
14
8
8
14
40
2
8
2
6
272
181

Have noticed leakage

Yes	Do not know	No
1111		1
1111	1111	1111
1111	1111	
1111	1111	
1111	1111	
1111	1111	
1111		
1111	99	
1111	5	
1111		
11		
1111		
1111		
1111		
111		

Book 1

Use gas for heating

Rather with heat

Yes,		Don't know.	No.
𝍸			𝍸
𝍸			𝍸
𝍸			𝍸 10
𝍸			𝍸
𝍸 20			𝍸 20
𝍸			𝍸
𝍸			𝍸
𝍸 30			𝍸 30
𝍸		38	𝍸
𝍸 40		67	𝍸
𝍸		105	𝍸
𝍸 50			
𝍸			
𝍸 60			
𝍸			
𝍸			

Yess		No
𝍸	𝍸	
𝍸	𝍸	11
𝍸	𝍸	
𝍸	𝍸	
𝍸	𝍸	
𝍸	𝍸	
𝍸	𝍸	10 5 yes
𝍸	𝍸	2 no
𝍸		
𝍸		
𝍸		
𝍸		
𝍸		
𝍸		

~~||||~~ ~~||||~~ 1

~~||||~~ ~~||||~~

~~||||~~ ~~||||~~

~~||||~~ ~~||||~~

~~||||~~ ~~||||~~

~~||||~~ ~~||||~~ 312

~~||||~~ ||||

~~||||~~ 104

~~||||~~

~~||||~~ 17

~~||||~~

~~||||~~

~~||||~~

~~||||~~ 71

Like gas Barton 1

Yes

No

85
25
110

1/5	1/4
5	21

Ventilation Book 1

Fair	Yes	Book Entries	No
5	11	1	21

Insurance Book 1

1/2	3/4	1	1 1/4	1 1/2	Book Entries	No
37	32	14	12	8	2	21

Ventilation Book 1

Yes	Fair	Not Ex Iron	No
||||	||||	1	||||
||||	||		||||
||||			||||
||||		20	||||
||||			|||
||||		23	
||||		75	
|||| 40		7	
||||	||||	106	
||||	|||| 70		
||||	|||| 75		
|||| 50			
||||			
||||			
||||			
|||| 60			
||||			
||||			

beyond court 5
1 11

Middle street 700 vault
~~||||~~
1

Width sidewalk
Average base vault extend towards

Even court 10 feet 8 9
~~||||~~ 1 ~~||||~~ 11
~~||||~~
~~||||~~ ~~||||~~ ~~||||~~
~~||||~~ ~~||||~~ ~~||||~~ 1111
19
~~||||~~ ~~||||~~
~~||||~~ ~~||||~~
~~||||~~ ~~||||~~
~~||||~~ 111
~~||||~~
98
~~||||~~
~~||||~~
~~||||~~
~~||||~~
~~||||~~
~~||||~~

Day time

2	1	12
8	2	3
	25	2
6	8	2
2	1	4
2	4	7
2	4	8
2	2	10
1	2	6
2	2	8
2	2	62
2	6	102
2	4	106
	2	270
6	2	5
2	1	
20	10	
8	4	
22	1	
1	1	
3	2	
1	3	
2	1	
2	1	
5	2	
1	9	
106	102	

20

40

60

6

113

2

40

50

60

60

70

80

113
201

Book 1

536
10
205
100
851

286
20
160

Lamp 100 Volts

10 Ohms Motor

90 contrary Volts
10 active Volts

10/10 1 Weber

90
1
90
44
396
440
4400

10.

4400 ft. lbs.

100
100
100|4400

Book ~~Bk~~ Bills for one year			$183.50
i.e. per month			$ 15.29
Bills per month			58.15
			17.00
Bills per week 4.05			230.90
Bills	Jan	June	321.34
	99.45	56.99	per month 47.10
	60.40	32.83	per month 50.30
	74.06	38.07	418.74
	233.91	127.89	
	127.89		
	461.80		
	230.90		

Book 2

659 burners

$321.34

2.25

.50 65

.85

2.1543

142000

65.9

2.1543

26

1.4130

5

.6990

4.9329

85700

5.1543

4.9329

.2214

1.6 hours per day

Book #3

Jan.	Feb.	Mar.	Jan.
2.92	.25	2.50	
17.25	8.10	12.00	
5.50	1.55	1.50	
2.40	1.35	50.00	
6.75	.68	2.25	
6.00	2.70	1.12	
4.50	.50	4.00	
4.50	.50	6.00	
3.25	.75	~~8.10~~	
4.00	2.00	~~19.25~~	
8.00		1.50	
9.00	2.00	2.00	
		3.00	
		3.00	
		2.50	
69.07	20.35	1.50	
		1.00	
		.62	
		1.50	
		3.50	
		4.50	
		8.00	
		1.50	
		119.49	

810
1225
2035

139.84
20.35
1949

Book RH 3

Jan	July	Mm	Jean	
4.50	45	200		
4.50	.10	1 00		
4.00	.30	3.00		
2.00	.38	2.00		
6.75	2.50	4.50		
7.00	.35	4.50		
4.75	.10	5.00		
33.50	4.18	1.00		
		2.25		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		2.75		
		69.75		

Book #3

Jan	July	Nov	Dec
4.00	2.00	100.00	
150.00	25.00	8.00	
2.00	.45	2.00	
4.00	1.35	.25	
14.00	1.20	15.00	
9.00	3.60	180.00	
7.00	.45	1.10	
16.50	1.60	1.25	
100.00	69.00	11.00	
		1.00	
306.50	104.65	4.00	
		1.50	
		2.50	
		1.00	
		15.00	
		2.00	
		20.00	
		2.00	
		15.00	
		21.00	
		7.50	
		5.00	
		416.10	

305
695
$ 1000

695.94
20.35
$ 675.59
305.34
980.93

37 Jan Bills
36 July Bills.

Book ~~Bill~~ 3

Jan	July	Mon	Year	Totals	
		15.00		69.07	20.35
6.00	2.65	2.50		33.50	4.18
3.00	.68	4.00		306.50	104.65
10.00	3.50	2.00		54.25	19.83
5.00	2.00	1.50		462.32	149.01
3.75	.90	2.00		149.01	
7.00	2.00	2.00		2 611.33	
12.00	5.00	.75		305.66	
1.50	.50	1.50		For months of Jan + Dec.	
6.00	3.00	5.00			
		.50			
54.25	19.83	25.00			
		8.00			
		1.00			
		4.50		119.49	
		70.25		69.75	
				416.10	
				70.25	
Average in Jan		$ 12.49		$ 675.59	
" July		$ 4.12			
				Total for month	

Book 8

9	12	40	3
2	2	75	6
5	2	2	8
2	1	4	3
26	3	1	6
3	5	3	4
3	2	2	10
6	4	6	20
1	4	2	10
15	4	22	4
15	4	3	6
9	1	3	8
2	2	5	81
6	104	8	
3	5	6	
1	8	24	
1	1	12	
2	3	6	
4	5	2	
4	6	11	
7	3	20	
5	8	5	
8	8	5	
3	372	4	
3	16	5	
6	7	8	
7	14	9	
150	4	6	
	616	6	
		2	
		5	
		311	

1165

maximum no.
numbers bet. 5 & 6
P. M.

Book 3

1 – 1	Hoist –	25 Horsepower	Grind Stone	Sewing Machine
1 – 1	"	10 " "	1	1
1 – 1	"	1 1/2 " "		
1 – 1	"	one one	1	1
1 – 1	"	3/4 " "		
1 – 1	"			
1 – 1	"	37 1/4 H. P		
1 – 1	"			

32 Hoists

40 H.P

Do you use an engine, If so whose make is it?

Yes

Smith Bros & Co about 40 s

Field & Doherty 15 H. P.
Field & Coffeth 30 H. P.
Boyden.
Copeland, 25 H. P.
Caloric engine 20 H. P.
2 H. P.

How much coal do you use per day, week or month for power.

3 tons per week	7
10 " - month	7
6 " " "	1/4
3 1/2 " " week =	2
2 " " "	3 1/2
1 " " month -	24
1 " " day -	40
1 " " day -	3
	86 3/4 per week

Do you hire a specially employed engineer or what proportion of the time does he spend on the engine.

Yes 1/5 of time on engine
HHC

makes himself generally useful.

Topically Bishop train attends to it

Book 3

Do you rent power? If so how much do you pay per year for the whole or per Horse power?

Yes

1

$4.00 per year

1

1

4 yes

No.

190

How many H.P. do they charge you for

1 2	40
1	
15	
20	
2	

How much do you think you use

1 2	40
3 4	
10	
25	
20	
2	

Do you use the power all the time, or not what proportion.

Yes

~~THH~~ ||

all in cold weather.

Have you any machinery driven by foot power

Yes

1 sewing machine
1 grind stone
1 sewing machine.

No

~~THH~~ ~~THH~~ ~~THH~~ ~~THH~~ ~~THH~~
~~THH~~ ~~THH~~ ~~THH~~ ~~THH~~ ~~THH~~
~~THH~~ ~~THH~~ ~~THH~~ ~~THH~~ ~~THH~~
~~THH~~ ~~THH~~ ~~THH~~ ||||

109

Book 4.

Jan.	July.	Month.		
			5.00	3.50
13.00	6.00	3.00	5.00	2.00
3.00	.25	1.00	6.00	2.00
3.50	2.70	5.00	9.00	10.00
10.00	5.00	5.50	1.00	1.00
20.00	7.65	4.00	5.00	1.50
93.	30.	20.00	5.00	3.00
7.35	.68	10.00	.40	9.80
11.00	1.00	1.00	3.00	1.00
4.25	45	4.50	15.00	3.00
3.00	.45	5.00	40.00	1.00
13.00	1.50	4.00	4.00	5.00
27.00	9.00	1.00	8.00	5.00
13.00	4.00	2.00	2.00	.75
6.00	3.15	1.00	10.00	5.00
5.00	3.50	5.00	15.00	20.00
5.00	1.00	2.00	3.00	5.00
5.00	2.00	30.00	9.00	3.00
3.00	.23	40.00	2.00	4.50
		10.00	2.25	
		5.00	15.00	50.00
		5.00	3.00	4.00
		40.00	8.00	7.50
		4.00	4.00	20.00
		3.50	1.00	3.00
		12.00	13.00	1.00
		2.00	18.00	1.00
			6.00	
245.10	78.56	226.50	217.65	121.75
Jan.	July.			

Book 4

Jan	July	Month	Year
12.00	8.78	150	
3.00	1.46	2.50	
		50.00	
		9.00	
15.00	10.24	50.00	
245.10	78.56	3.50	
260.10	88.80	1.00	
		.75	
Jan	July	3.00	
Total.	Total.	200.00	
		13.00	
		13.00	
260.10 Jan		12.00	
88.80 July		12.00	
2 | 348.90		4.00	
174.45		5.00	
		380.25	
		~~226.50~~	
		217.65	
946.15		121.75	
174.45		946.15	
1120.60		Total'd	
		Month average	

Book 4

No of Farmers				
9	25	12	5	50
10	8	12	5	12
14	4	3	10	6
10	12	5	48	5
15	12	6	3	2
8	22	4	1	5
25	6	15	4	6
9	8	15	7	350
8	12	26	3	8
6	6	12	10%	10
15	6	50	60	5
25	10	6	1	9
4	35	7	1	6
14	15	6	20	10
10				484
4	25	6	6	
3	2	15	8	
4	4	12	6	
20	15	3	40	
9	1	10	3	
12	8	2	12	
6	40	8	3	
3	10	9	4	
30	20	6	7	
25	6	10	12	
8	25	20	18	
25	6	6	14	
25	13	12		
35	33	12	310	
40				
431	389	310		

484
310
310
389
431
1824

Total farmers.

Index

Page:

1) Calculation of the „Key" for Gas consumme per Year . . . 133—167

2) Collect of Gas and Number of Burners, House for House, taken from the books . . . . . 169—

3) Remarks (concerning the columns of the above mentioned tables) 193

4) Consumed Gas per year and Number of burners, Block for Block . . . . . 194—

5) Index for the Books, to find the Blocks . . . 198

6) Extract of the Kerosenelamps and Steamengines, Street for Street (Streetlamps in the first page) 210—

7) Remets of the before indicated Calculations of the books 1—17 . . . . . 219.

8) Steamengines of 5 horsepowers and below, book 1—17 . . . . . 220.

1) Extract of one house in Book 3.

Jan.	1291	cubic feet gas pr. 1 burner =	16,770 %
Feb.	671	" " " " =	8,7165 "
March	630	" " " " =	8,1839 "
Apr.	641	" " " " =	8,3269 "
May	603	" " " " =	7,8332 "
June	482	" " " " =	6,2613 "
July	323	" " " " =	4,1959 "
Aug.	196	" " " " =	2,5461 "
Sept.	357	" " " " =	4,6376 "
Oct.	605	" " " " =	7,8592 "
Nov.	555	" " " " =	7,2097 "
Dech.	1344	" " " " =	17,4591
Sa	7698 = 100 %		Sa 100,0000 %

7698 : 1291 = 100 : x etc.

x = 16,770 %

x is the Record for the month. (in this book very good notices)

log. 16,7706 = 1,2245483
" 8,7165 = 0,9403446
" 8,1839 = 0,912962 6
" 8,3269 = 0,920 4801
" 7,3332 = 0,8939394
" 6,2613 = 0,7966691
" 4,1959 = 0,6228246
" 2,5461 = 0,40587 82
" 4,6376 = 0,666 29 03
" 7,8592 = 0,8953775
" 7,2097 = 0,8579151
" 17,4591 = 1,2420214

The following numbers are quotients of the consumed gas divided by the number of burners ($5-6\frac{1}{2}$). Sometimes two notices of consumed gas are used, but there, who appeared to be reasonables.

January.

214
308
1 000
466
26 m
545
483
620
330
275
630
190
900
375
~~2 6~~
$\frac{9\,6598}{14}$ = 1 m, 2948 %

February.

214
233
592
262
275
533
390
155
876
580
457
550
200
215
~~560~~
Σ 5532 = 10,3084 %
14

Исаков

214
192
133
266
607
33
350
165
1000
560
528
186
200
210

Σ 4644 = 8,6537 %
14

April

214
166
425
193
290
180
153
200
145
53
37
290
145
466
~~135~~
S. 3155 = 5, 8[91.%

174

Dreay

214
191
520
583
133
100
83
416
100
83
66
429
480
33

$$\rho = \frac{3431}{14} = 6,3934\ \%$$

June.

71
508
300
133
100
121
83
400
140
216
83
66
214
33

$\frac{2468}{71} = 4,5989\ \%$

July

1

220
408
475
250
311
133
100
165
83
516
140
130
83

8230 25 = 5, 7300 %

17

[ITEM FOUND IN BOOK]

McGowan

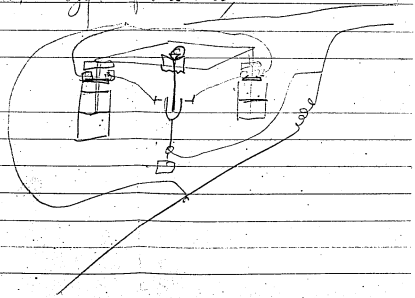
Patent Discount System
of Certified statement
Production

see Ent = do

Chlorine Compounds in Lamp
anhydrous, perchloric.

float Meter like 248 565-

Nitrated Cellulose paper, punching
out submitting to Vapor alcohol & Ether
or other Solvent Ether under pressure
or not, Carbon — fibres also



[ITEM FOUND IN BOOK]

August

71.

340
455
133
416
800
183
366
110
416
416
480
57
102

Sa 4345 = 8,0965 %

/17

September.

71
161
125
400
400
104
158
252
252
667
33
83
390
136

S 3212 = 5, 98532

/14

October.

214
566
300
161
165
566
566
350
100
100
350
566
566
165

Those numbers are the last 5 numbers alone, for there were but very few notices, concerning the month of October.

£ 4735 = 8,8232 6

17

November.

214
266
800
161
195
733
760
171
100
471
471
100
171
760

the same thing, like in the month of October.

£ 5373 = 10,0121·6
171

December

214
743
583
800
466
404
416
433
560
460
366
366
686
600

= 7097 = 13,2246 g

14

Summary

Jan:	6598	= log: 1,0897212	= 12,2948	%
Feb:	5532	= " 1,0131941	= 10,3087	"
Mar:	4644	= " 0,9357011	= 8,6537	"
Apr:	3155	= " 0,7693083	= 5,8791	"
May	3431	= " 0,8057206	= 6,3954	"
June	2468	= " 0,6623541	= 4,5989	"
July	3075	= " 0,7881540	= 5,7500	"
Aug.	4345	= " 0,9082087	= 8,0965	"
Sept.	3212	= " 0,7708844	= 5,9853	"
Oct.	4755	= " 0,9456289	= 8,8232	"
Nov:	5373	= " 1,0005257	= 10,0121	"
Dec.	7097	= " 1,1213837	= 13,2246	"
Σ	53665	= 100%	Σ =	100,0000%

14

53665 : 6598 = 100 : x

x = 12,2948%

The Division by 14 (the number of months) is not executed, while not necessary.

Extract of an other house in Book 3,
January was not notified and therefore
I have taken the number of December
for this month.

Jan:	1065 =	1,0913891 =	12,3421 %	
Feb.	837 =	0,9867650 =	9,6099	±
March	726 =	0,9249761 =	8,4135 "	
April	640 =	0,8702195 =	7,4168 "	
May	509 =	0,7707573 =	5,8987 "	
June	497 =	0,7603959 =	5,7596 "	
July	485 =	0,7497812 =	5,6206 "	
Aug	506 =	0,7681900 =	5,8640 "	
Sept	634 =	0,8661288 =	7,3473 "	
Oct	771 =	0,9510939 =	8,9350 "	
Nov	804 =	1,0153770 =	10,3604 "	
Decb.	1065 =	1,0913891 =	12,3421 "	

S = 8629 = 100 % S = 100,0000 %

8629 : 1065 = 100 : x

x =

Months	House of Mock, 3, very clear	Ditto, but the month of Jan. 14 Notices was not entered.	Ditto, but the Average of Jan. 14 Notices was not entered.	Average
Jan.	16,7706	12,2948	12,3421	13,8025
Feb.	8,7165	10,3084	9,6999	9,5749
Mar.	8,1839	8,6537	8,4135	8,4170
Apr.	8,3269	5,8791	7,4168	7,2076
May	7,8332	6,3934	5,8987	6,7084
June	6,2613	4,5989	5,7596	5,5399
July	4,1959	5,7300	5,6206	5,1822
Aug.	2,5761	8,0965	5,8640	5,5022
Sept.	4,6376	5,9853	7,3473	5,9901
Oct.	7,8592	8,8232	8,9350	8,5392
Nov.	7,2097	10,0121	10,3604	9,1941
Dec.	17,4591	13,2246	12,3421	14,3419
	100,0000	100,0000	100,0000	100,0000

The Per Cents of the column "Average" will be the "modul" for the calculation of consume of gas per house, if but few months are noticed.

Logarithmens of the „modulus"

13,8025	January	= 1,1399578
9,5749	February	= 0,9811342
8,4170	March	= 0,9251573
7,2076	April	= 0,8577907
6,7084	May	= 0,8266190
5,5399	June	= 0,7435019
5,1822	July	= 0,7145142
5,5022	August	= 0,7405364
5,9901	Sept.	= 0,7774341
8,5392	Oct.	= 0,9314172
9,1941	Nov.	= 0,9635092
14,3419	Decb.	= 1,1566067

The „modulus" of any month is used, as follows:

There shall be calculated the amount of consumed gas for year by the only notice of the month of July, = 250 cubicfeet.

The „modulus" for July: 5,1822 %

$$5{,}1822 : 100 = 250 : x$$

$x = 4824{,}2$ cubicfeet a year.

The Percents not:

Jan:	14 %	Transf:	52 %
Febr:	10 "	July	5 "
March:	8 "	Aug	5 "
Apr:	7 "	Sept	6 "
May	7 "	Oct.	9 "
June	6 "	Nov.	9 "
Transf:	52 %	Decb.	14 "
		Sa	100 %

Now I found the key for the calculation of the average consume of gas per year.

1.) I divided several hunderts of notices, month by month, by the number of burners and entered these units on a table, containing the months, eliminating increasonable numbers.

2.) In this manner calculating several books, I found in book 3 a house, where every month seemed to be entered very reasonable and correct, (not) only by the store himself, but of course of good informations received.

In the same book I found an other house, entered in the same

manner, but the month of January was missing. I supposed this month would have the amount of the month of December and supplied him in this manner.

3.) How I was able, to make the 3 calculations on page 131, 133 – 157 and 159.

The Recapitulation is to be seen on page 161 and the last column of this table contains the average amount of percents, which belong to every month, whole the year = 100 %.

4. Page 163 shows, how the percents are arrounded and now it is very easy, to calculate whatever an average amount of consumed gas per year by only one month's notice. Viz:

Notice of February 1000 cub.f.

$10\,\% : 100\,\% = 1000 : x$

$x = 10000$ cub.feet

Menlo Park, Normann Candidus
24. Decbr. 1880.

(Mutual Gas Co per 1000 cubic f. 2 $ 25 c.
New-York " " " " " 2 " 25 "

1 Cab. f. p. Hour = 15 Hours

1 Hour.

1 Street lamp a 1000 hours per year.) calcul. with 12 c.

2)

	Nr.	Cub. Fuß	Preis	Cub. Fuß	Preis	Preis für 1 Cub. Fuß
Kl. Sprenckhut	4.	14000			6	
	8	162000			70	
	10	132000			30	
	14	159000			8	
	16	60000			4	
	18	252000			60	
	20	24000			30	
	22	11000			2	
		16000			1	
		850000	2274	3341	(9)	
Müllhof	179	64000			6	
	175	32000			6	
	177	7000			1	
	173	13000			3	
	171	7000			2	
		21000			3	
		144000	394	211	18	
Nickelhof	36	19000			2	
	34	16000			2	
	32	40000			8	
	30	117000			47	
	28	112000			32	
	24	480000			64	
	20	293000			31	
	18	11000			5	
	16	19000			6	
	14	3[illegible]000			4	
	12	2[illegible]000			2	
	10	32000			6	
		37000			1	
		108000			1	
		1833000	3652	2111	17	

	Nr.	Cub. Fuß	Preis	Cub. Fuß	Preis	Preis für 1 Cub. Fuß
Nessenstreuth	138	4000				1
	140	24000				4
	142	112000				5
	144	15000				6
	146	27000				8
	148	117000				63
		1[illegible]2000	3759	18	43	
Sprenckhut	26	11000				2
	28	11000				4
	32	19000				14
	34	64000				20
	36	37000				8
	38	16000				4
	40	17000				5
		10000				4
		188000	516	61	8	
Grabenstreuth	62	32000				4
		133000				20
		165000	453	24	19	
	56	16000				4
	54	95000				15
	52	100000				3
	46	53000				2
	44	53000				12
		1067000	3[illegible]	58		
		1294000	4[illegible]	94		

Nr.	Nr.	Per year Calicoes	Pieces	Per day	Time	Per day
172		13000			3	
174		27000			2	
176	3	28000			7	
178		54000			8	
180		16000			3	
		138000	372	21	18	
Fourth Mill		58000			6	
Fourth Mill	6	5000			2	
	8	11000			2	
	12	5000			1	
	16-18	19000			4	
	30	4000			1	
	38	21000			4	
		120000	345	20	17	
Fifth Mill	67	16000			6	
	1	13000			4	
	2	58000			12	
		87000	236	22	11	
Machine	85	267000			36	
	86	11000			2	
	88/94	279000			112	
	90	48000			8	
	96	50000			8	
	74	400000			88	
	72	68000			16	
	70	124000			12	
	68	48000			12	
	66	42000			12	
	Carried forward	37000			7	
		1360000	3824	313	12	

Nr.	Nr.	Per year Calicoes	Pieces	Per day	Time	Per day
Fourth Mill	72	27000			2	
	74	2000			1	
	80	13000			3	
	82	42000			115	
Carried forward		27000			74	
		27000				
Fourth Mill	50	2000			1	
		2000			1	
Carried forward		120000			15	
		120000	324	15	22	
Bleachers	307	36000			5	
	303	21000				
	301	71000			12	
	299	41000			2	
	295	20000			4	
	291	41000			8	
Carried forward		232000			20	
		432000	1156	51	22	
Machine	98	40000			8	
	94	48000			8	
	92	85000			12	
Carried forward		270000				
		200000	548	28		
Weavers	66	4000			1	
	68	13000				
	70	69000			9	
		86000	235		10	
		50				

Nr.	Nr.	Per year Calicoes	Pieces	Per day	Time	Per day
Fifth Mill	10	6000				
		6000	16			
Carried forward		9000			5	
		9000	22	5	4	
Fifth Mill	256	20000			7	
	254	8000			1	
	252	3000			1	
	248	10000			3	
	246	11000			3	
	244	12000			4	
	242	3000			8	
	240	5000			7	
	238	5000			6	
	236	50000			24	
	235	54000			35	
Carried forward		78000			20	
		278000	753	25	6	
Machine	110					
	96	42000			10	
	106/9	2000				
		44000	121			
Carried forward		48000			9	
Fourth Mill	292	10000			6	
	294	43000			12	
	296	65000			26	
	302	73000			12	
	304	64000			4	
		255000			22	
		255000				
		Total				

Nr.	Nr.	Per year Calicoes	Pieces	Per day	Time	Per day
Fourth Mill	308	20000			3	
	310	38000			10	
	300	5000			14	
		63000	100	29	10	
Carried forward		16000			6	
Fifth Mill	22	27000			8	
		43000	122	14	8	
Carried forward		5000			2	
		5000	14	2	7	
Fourth Mill	228	113000			6	
	230/34	3000			2	
	226	8000			6	
	224	11000			4	
	222	3000			3	
	220	44000			8	
	218	5000			3	
	216	4000			1	
	214	11000			2	
Carried forward		3000			14	
		238000	646	48	13	
	126	4000			2	
	124	21000			4	
Machine		80000			15	
		105000	288	21	14	
Weavers	233	13000			3	
	235	1000			1	
	237	16000			6	
		30000			10	

Str	Nr	Per Year Cubic feet	Cubic feet per day	Burners	p. burner and day
Water street (Block 43)	239/41	60000		10	
	245/47	42000		2	
	249	5000		3	
		137000	348	23	
Corn. Front St. and Peck slip (Block 43)		14000		4	
		14000	38	4	9
Peck slip	40	37000		5	
Cor. Peck slip and South str. (Block 51)		233000		12	
		270000	739	17	43
South str.	116	21000		8	
	114/115	16000		4	
	113	53000		6	
	112	32000		5	
	111	64000		8	
	110	48000		7	
	109	58000		8	
	108	80000		8	
	105	260000		10	
Cor. South and Beekman		202000		17	
		1244000	3408	81	42
Corner Front and Beekman str.		27000		8	
		27000		8	

Str	Nr	Per Year Cubic feet	Cubic feet p. Day	Burners	p. burner and day
Front street	225	20000		8	
	229/31	58000		7	
		105000	287	23	12
~~Corn. South~~ Corner South and Beekm. (Block 51)		87000		12	
		87000	238	12	~~238~~ 19
Cor. Beekman str. Fulton market		104000 ~~57000~~		24 ~~29~~	
		104000	285	24	12
Beekm. Front. Fulton market		59000 ~~48000~~		11 ~~4~~	
		59000	162	11	15
Cor. Fult. Mt. – Front str.		152000 ~~93000~~		24 ~~13~~	
		152000	403	24	17
Cor. Fulton str. – Fult. Mt. (Block 50, Book 2)		246000		35	
		246000	674	35	19
Cor. Fult. South – Fult. Mt.		194000 ~~187000~~		10 ~~7~~	
		194000	531	10	53
Cor. South str. – Fult. Mt.		374000 ~~43000~~		37½ ~~6~~	
		374000	1024	37	½
Fulton Mt.	88/89	240000		26	
		240000	657	26	25
Outside Stand South str. – Fult. Mt.		61000		13	
		61000	167	13	13

Str	Nr	Per Year Cubic feet	Cubic feet p. Day	Burners	p. burner and Day
Outside Stand Fulton and South str. – Fulton Mt.		21000		6	
		21000	57	6	9
Outside Stand Fulton Mt. – Fulton str.		32000		1	
		32000	87	1	87
Beekm. Str.		16000		15	
		16000	44	15	3
Front str.		32000		4	
		32000	88	4	22
Front str. and Fulton str. – Fulton Market		22000		14	
		22000	60	14	4
Fulton Market (Block 50)	241	29000		3	
	212	13000		1	
	214/216	8000		2	
	220	20000		6	
	236	20000		3	
	233	25000		1	
	231	25000		1	
	222	~~11000~~		2	
	224/226	20000		3	
	194/195	37000		4	
		~~208000~~		26	
		221000		30	

Str	No	Per Year Cubic feet	Cubic feet per Day	Burners	p. burner and Day
Fulton Market	163/65	30000		7	
	111, 112, 113, 120, 121, 122, 123	48000		5	
	125, 126, 127	85000		8	
	152/53	16000		2	
	166/67	8000		3	
	161/62	14000		3	
	137/60	11000		3	
	98/100	19000		6	
	95/97	21000		7	
	117/18	16000		2	
	146/48	4000		[illegible]	
Block 50	172	16000		2	
	176	11000		1	
	150/51	22000		3	
	177/78	3000		5	
	182/83	14000		2	
	184/5	24000		4	
	202/203	24000		4	
	198/201	22000		4	
	188/189	5000		1	
	196/97	24000		2	
Cor. [illegible] South street		264000		51	
Oppos. Fult. Mt. South side		431000		56	
Foot of Fult. St. East River		825000		104	
Cor. Beekm. point		5000		5	
		2175000 / 2178000	5959	316	19
Beekman str. (Block 42, Book 3)	123	48000		8	
		48000			

1	2	3	4	5	6
		667000		84	
	75	38000		12	
	73	27000		10	
	11	290000		35	
	6/169	25000		15	
Gr. Bachelmann					
Gr. Gaessen		60000		27	
		1048000	287	18	15
Goldwo	64/2	570000		20	
	6	24000		8	
	56/53	85000		40	
Gr. Gaessen Fabrikanten		214000		40	
		377000	1035	106	9
Bachelmann	77	17000		10	
	73	62000		33	
Gr. Fabrik. Gr. Bachelmann		334000		165	
Bachelmann	79	~~20000~~		~~13~~	
	69	75000		33	
	67	16000		12	
	65	42000		12	
	63	48000		17	
	61	181000		53	
	59	92000		42	
	57	97000		50	
		554000		195	
		964000	2644	664	6

1	2	3	4	5	6
Gr. Fabrik. Gr. Bachelmann		80000		44	
Bachelmann Sr.					
	45	50000		2	
	47	8000		6	
	49	16000		15	
	51	290000	378	12	5
Gr. Bachelmann Gr. Fabrik.		554000	4	149	
Bachelmann	59	47000		19	
	57	56000		16	
	55	56000		38	
	53	112000		17	
	51	92000		68	
	47	17000		7	
	45	240000		19	
Gr. Bachelmann Gr. Bachelmann		352000		80	
		871000	2110	263	8
Bachelmann	164	150000		43	
	162	54000		35	
	160	300000		18	
	158	126000		34	
Gr. Bachelmann Gr. Bachelmann		260000		50	
		901000	2148	183	13
Bachelmann	79	2		6	
		2		2	

1	2	3	4	5	6
Gr. Gr. Bachelmann					
	59	18000		6	
		16000	53	6	9
Gr. Bachelmann Gr. Gr. Bachelmann		5000	52	5	4
Gr. Bachelmann Gr. Bachelmann		4000		3	
		9000		8	
Gr. Gr. Bachelmann	86	300000		11	
	14/44	1060000		250	
		1360000	3769	369	10
Gr. Gr. Bachelmann Gr. Bachelmann		87000		8	
Bachelmann	152	155000		15	
	150	103000		15	
	148	320000		10	
	146/144	68000		25	
Gr. Gr. Bachelmann		745000	1219	63	14
Gr. Bachelmann Gr. Bachelmann		90000		16	
Bachelmann	99	14000		7	
Gr. Gr. Bachelmann Gr. Bachelmann		60000		5	
		4000		24	
Bachelmann					
	97	48000		28	
	95	40000		36	
	85	11000		8	
	83	7000		3	
		65000	121	103	7
Gr. Gr. Bachelmann Gr. Bachelmann		44000		24	
Bachelmann	55	25000		1	
		69000	189	5	7
Gr. Gr. Bachelmann Gr. Gr. Bachelmann		46000		42	
Bachelmann	33	64000		18	
	31	423000		65	
	29	51000		20	
	27	38000		24	
	25	96000		35	
	23	70000		20	
	21	133000		20	
	19	76000		22	
	17	274000		50	
	13	44000		12	
Gr. Gr. Bachelmann Gr. Bachelmann		47000		25	
		1329000	3641	343	11

1	2	3	4	5	6
	132	5000		6	
	130	13000		6	
		3000		1	
	128	32000		10	
	124	37000		20	
	122	209000		11	
	120	43000		16	
	118	85000		15	
	116	39000		20	
	114	80000		18	
	112	5000		6	
	108	9000		4	
		65000		31	
		637000	1945	366	11
	37	11000		4	
	29	11000		4	
	21	120000		18	
	43	7000		4	
	45	8000		12	
	47	29000		24	
	49	35000		32	
	51	12000		12	
	53	66000		22	
	55	15000		6	
	57	52000		20	
		375000		168	

1	2	3	4	5	6
	59	107000		42	
	57/59	58000		18	
	61	5000		6	
		123000		30	
		668000	1830	269	6
	161	113000		24	
	163	30000		18	
	165	10000		6	
	167	130000		17	
	169	6000		4	
		44000		50	
		341000	934	114	6
		116000		18	
		1160000	317	18	17
		200000		25	
		1000000	148	25	22
		203000		18	
		33000	90	18	5
		229000		50	
		2000	627	50	12

1	2	3	4	5	6
	10	40000		27	
	48	18000		3	
	46	15000		8	
		1000	194	38	5
		121000		26	
		121000	331	26	12
	42	5000		4	
		42000		8	
		47000	129	12	11
		173000		32	
		173000	473	32	15
	102	40000		5	
		97000		82	
	100	124000		30	
	98	40000		21	
		164000		108	
		903000	2471	240	10
	125	284000		53	
	123	128000		41	
	121	5000		1	
		387000		95	

1	2	3	4	5	6
	119	48000		12	
	117	91000		37	
	109	167000		32	
	107	69000		7	
	105	70000		147	
		370000		142	
		1148000	3145	8	8
	149	29000		16	
		29000	79	16	5
		604000		14	
	121	91000		34	
	122	16000		62	
	120	24000		41	
	118	30000		40	
	116	239000		94	
	114	292000		100	
		69000		30	
		1450000	3954	15	9
		1800000			
		22000		4	
		44000		6	
		142000		15	
		21000		16	
		134000		44	
		800000	1041	85	12
	47	74000		16	
	45	9000		6	
		83000			

1	2	3	4	5	6
		83000			
Johannis	43	55000			
	44	114000		46	
	39	27000		14	
	37	49000		16	
	35	50000		10	
	33	149000		197	
Eigenes aus Johannis		74000		27	
		766000	1276	444	9
Nikolaus	74	110000		8	
	76	190000		13	
	78	460000		25	
	80	840000		36	
117000	82	1170000		42	
	84	990000		24	
Eigenes aus Nikolaus	82	1000		2	
	84	280000		8	
	86	1110000		34	
	88	550000	1564	324	7
Eigenes aus Nikolaus		140000		16	

1	2	3	4	5	6
Nikolaus	139	800000		20	
	137	460000		25	
	133	230000		10	
	131	1330000		26	
	129	450000		20	
	123	40000		4	
	119	1670000		40	
	117	1790000	1874	45	
Eigenes aus Nikolaus		850000		30	9
Johannis	5	1330000		60	
Eigenes aus Johannis		150000		48	
		2000	100	108	7
Bischofs	12	610000		15	
Eigenes aus Bischofs	10	120000	200	16	6
		1140000		23	

1	2	3	4	5	6
	110	270000		8	
	106	1260000		150	
	104	1670000		50	
	102	390000		34	
	100	850000		50	
Eigenes aus Nikolaus		210000		8	
		8180000	1603	293	6
Bischofs	98	1290000		15	
	96	220000		10	
	94	580000		36	
	92	1490000		30	
	90	1140000		28	
	88	70000		8	
	86	2000000		50	
	82	240000		9	
	78	270000		11	
		5190000	1422	157	9

1	2	3	4	5	6
Eigenes aus Bischofs		180000		10	
Bischofs	47	500000		23	
	45	450000		18	
	43	70000		10	
	41	40000		4	
	33	530000		15	
	29/31	90000		9	
Eigenes aus Bischofs		370000		30	
		2246000	6148	122	50
Johannis	83	570000		10	
	79	1190000		47	
	77	1430000		50	
	75	150000		8	
	71	1270000		35	
Eigenes aus Johannis		330000		20	
		4890000	1339	170	8
Nikolaus	114	90000		10	
	116	500000		9	
	118	100000		8	
	120	310000		22	
	126	370000		10	
	128	100000		2	
	130	300000		6	
	134/136	350000		75	
	138	280000		7	
		5100000	1561	149	10
Bischofs	74/76	70000		7	
	78/80	70000		7	

1	2	3	4	5	6
Eigenes aus Bischofs		170000		9	
		180000		16	
Bischofs	76	540000		7	
	74	270000		8	
	74/76	110000		8	
	70/76	140000		50	
Eigenes aus Bischofs		1780000		65	
		4490000	1202	161	7
Bischofs	66/68	410000		18	
	64	570000		28	
	62	500000		24	
	60	350000		7	
	58	510000		21	
	56/60	550000		22	
Eigenes aus Bischofs		190000		58	
		4450000	1219	178	7
Nikolaus	22	870000		22	
	25	1290000		24	
	23	250000		8	
	21	1080000		57	
	19	930000		50	
	17	1290000		56	
	11/13	1000000		16	
	7/9	1220000		30	
		7870000	2156	253	8

1	2	3	4	5	6
		77000		26	
Jahrbuch					
	97	3000			
		~~42000~~		4	
	95	20000		10	
	93	15000		10	
	91	7000		6	
		146000	441	56	8
Gesamt		42200			
Gaben	30	6000		5	
	38	20000		12	
	40/42	78000		12	
	44	33000		5	
	46	7000		4	
Ausgeschieden		11000		7	
		155000	424	45	9
Kaltenbach	50	20000		10	
	48	27000		13	
	46	13000		15	
	44	22000		12	
	42	21000		12	
		91000		25	
Ausgeschieden		16000		5	
		22000		4	
		350000	957	99	9

1	2	3	4	5	6
Frankfurt	261	11000		6	
	257	27000		18	
	255	11000		6	
	251	130000		20	
	249	5000		9	
	247/49	10~~8~~000		2	
	245	32000		14	
Ausgeschieden		64000		15	
Jahrbuch		284000	1052	90	11
Jahrbuch	113	11000		8	
	107	2000		1	
	105	12000		4	
Ausgeschieden		86000		19	
		111000	301	32	9
Pellkofer	14	4000		2	
	16	5000		4	
	18	36000		12	
	20	42000		8	
	22	29000		7	
	24	15000		8	
	26	36000		8	
	28	13000		6	
	32	30000		7	
	34	19000	635	5	9
Ausgeschieden		280000		20	

1	2	3	4	5	6
		85000			
	38	9000		5	
	36	11000		9	
Schubert					
Ausgeschieden		51000		18	
		154000	435	52	8
Wachhart	196	556000		60	
	194	23000		3	
	188/190	100000		20	
	184	4000		2	
		693000	1899	85	22
Dinkelsbühl	5	3000		1	
	3	23000		4	
		26000	71	5	14
Gaben:	242	44000		8	
	244/246	25000		13	
	246	16000		5	
	252	6000		2	
	254	179000		39	
	256/60	41000		8	
		311000	852	112	16
Ausgeschieden		12000		9	
Wachhart	141	2000			

1	2	3	4	5	6
		23000			
	26	26000		14	
	24	13000		6	
	22	11000		6	
	20	121000		33	
		203000	556	68	8
Ausgeschieden	196	7000		5	
	194	11000		10	
	190	8000		~~102~~	
	186	29000		15	
	184	4000		3	
Ausgeschieden		25000		7	
		93000	254	42	6
Dinkelsbühl	12	11000		7	
Ausgeschieden	188/187	4000		3	
		15000	41	10	4
Wachhart	188/187	5000		8	
	189/191	9000		12	
	193	7000	57	3	2
Ausgeschieden		100000		16	
Dinkelsbühl	16	9000		4	
		109000		20	

1	2	3	4	5	6
		109860		90	
Fischstraße	14	11000		11	
	12	46000		10	
	10	15 [illegible]000		55	
	8	9000		9	
	2 (Vorderhaus)	26 [illegible]000		8	
	2	16000		6	
Zum Fischerstraße		118000		50	
		230000	2000	242	8
Beutlerstraße	92	40000		16	
	91	67000		16	
	90	12000		5	
	89	47000		16	
Zum Fischerstraße		34000		18	
		199000	545	273	
Beutlerstraße	34/35	50000		12	
	29	6000		6	
Zum Beutlerstraße		9000		6	
		65000	178	24	
Beutlerstraße	144/141	10000		16	
		10000	27	16	2
Zum Beutlerstraße und Fischerstraße		36000		16	
Beutlerstraße	38	2000		2	
	34	2000		2	
	32	48000		12	
		92000		32	

1	2	3	4	5	6
	26	93000		55	
		4000		1	
		96000	263	33	8
Beutlerstraße	171	4000		1	
	167	3000		1	
	165	4000		4	
	163	7000		6	
Zum Beutlerstraße und Fischerstraße		67000		15	
		85000	233	27	6
Zum Maiden Lane und Beutlerstraße	157	4000		6	
	159	4000		2	
	161	4000		2	
	163	6000		6	
Zum Maiden Lane und Beutlerstraße		114000		16	
		132000	362	26	14
Zum Beutlerstraße und Fischerstraße		14000		10	
Beutlerstraße	80	4000		3	
	83	5000		11	
	85	3000		3	
	90	12000		12	
Zum Beutlerstraße und Beutlerstraße		24000	480	24	12
		3000	81	4	2
Zum Beutlerstraße und Metzerstraße		22000		11	
		22000		11	

1	2	3	4	5	6
		22000		14	
Fischstraße	177	11000		6	
	171	4000		3	
	173	5000		4	
	169	3000		1	
	167	7000		4	
	165	4000		3	
Zum Fischerstraße und Fischerstraße		14000		25	
		70000	192	55	3
Fischstraße	20	4000		4	
	22	11000		2	
Zum Fischerstraße und Fischerstraße		21000		12	
		36000	98	18	5
Beutlerstraße	164	9000		6	
	166	4000		3	
	168	4000		2	
	176	3000		2	
	178	11000		8	
Zum Fischerstraße und Beutlerstraße		19000		4	
		40000	109	25	4
Fischstraße	157	5000		3	
	155	11000		3	
Zum Metzerstraße und Fischerstraße		16000		12	
		52000	142	18	8
Fischstraße	157	21000		6	
Zum Fischerstraße und Fischerstraße		13000		5	
Zum Metzerstraße und Beutlerstraße		34000	93	14	8
Fischstraße	4	4000		3	
		11000		2	
Zum Fischerstraße und Beutlerstraße		67000	195	6	
		86000	144	11	12
Beutlerstraße	230	7000		3	
	228	9000		16	
	226	6000		4	
	222	43000		32	
	220	8000		2	
	218	26000		13	
	216	20000		6	
	214	71000		20	
Zum Beutlerstraße und Fischerstraße		19000		9	
		199000	1039	10	12
Fischstraße	4	11000		5	
	2	11000	30	5	6
Metzerstraße	160	50000		4	
		50000			

1	2	3	4	5	6
Malostkrei	164	4000		2	
	166	2000		5	
	168	4000		2	
	170	6000		2	
	172	4000		2	
	174	2000		8	
	176	4000		5	
	178	4000		2	
	180	2000	126	5	
Am Platten und Grad Mist.					
Am Pavlova Mistbeete		7000		4	
		34000	93	9	10
Schleinitzer	115	3000		2	
	119	4000		4	
	123	25000		10	
	125	14000		10	
	129	14000		5	
Am Platten und Mistbeete		33000		13	
		93000	255	44	6
Am Mistbeete und Plattenhäuser		5000		5	
		5000	14	5	3
Johannisfeld	116	4000		1	
	114	11000		2	
	112	2000		2	
	108	50000		5	
	106	23000		5	
	104	52000		15	
		142000		40	

1	2	3	4	5	6
Johannisfeld	102	132000		40	
		11000		8	
Am Johannisfeld und Platten					
	98	44000		10	
Am Johannisfeld und Platten					
	98	33000		6	
Am Johannisfeld und Platten					
		28000		5	
Am Johannisfeld und Platten					
	94	51000		4	
	92	50000		22	
Am Johannisfeld Gärten		6000		4	
		375000	102	99	10
Am Gärten und Platten		64000		25	
		64000	175	25	7
Platten	21	125000		59	
	18	31000		4	
	3	9000		4	
	1	10000		9	
Am Platten und Beeten		13000		8	
		188000	515	84	6

1	2	3	4	5	6
Beetkrei	227	21000		5	
	229	7000		2	
	231	11000		4	
Am Platten und Beeten		3000		4	
		42000	107	15	
		48000	141	28	6
Am Platten und Beeten		9000		5	
		12000		8	
Beetkrei Platten	8	3000		10	
	10				
	12	7000		3	
	14	18000	318	5	12
	18,20	41000		35	
	8	18000		4	
	6	6000		2	
	4	3000		1	
Am Platten und Mistbeete		1000		8	
		45000	125	70	25
Platten	6	6000		2	
	4	3000		1	
Am Platten und Beeten		11000		8	
Mistbeete	91	3000		1	
		7000			

1	2	3	4	5	6
Mistbeete	93	48000		21	
	95	25000		22	
	97	29000		18	
	99	16000		13	
	101	14000		6	
	103	11000		8	
	105	25000		14	
Am Platten und Mistbeete		240000		7	
		190000	521	112	5
Beetkrei Platten	203	41000		15	
	205	4000		2	
	207	22000		7	
	209	45000		21	
	213	4000		2	
	215	30000		7	
	217	24000	466	12	6
Am Platten und Beeten		20000		6	
Platten	88	32000		22	
	86	28000		14	
	84	104000		25	
	82	21000		5	
	80	13000		5	
	78	52000		10	
	76	110000		26	
	74	19000		6	
	72	45000		24	
		450000	1293	153	8

1	2	3	4	5	6
Am Johann Wilhelmstr.		61000		20	
Wilhelmstr.	104	89000		9	
	102	17000		4	
	100	28000		12	
	98	48000		26	
		244000	668	71	9
Johanstr.	Nr. 16				
	2	4000		2	
		4000	55	2	26
Am Wilhelmstr.		74000		13	
		74000	202	13	16
Wilhelmstr.	Nr. 15				
	18	9000		6	
	30	6000		3	
	32	7000		3	
Am Wilhelmstr.	28	18000		6	
		64000		45	
		104000	285	63	4
Wilhelmstr.	90	26000		12	
	88	62000		35	
	86	19000		9	
Am Wilhelmstr.		17000		12	
		124000	36	68	5

1	2	3	4	5	6
Wilhelmstr.	67	11000		3	
	71	4000		3	
	73	50000		12	
	75	28000		10	
	81	31000		16	
	83	7000		5	
Am Wilhelmstr.	85	4000		3	
		3000		2	
		138000	378	54	7
Gallwitzstr.	Nr. 15				
	9	36000		14	
	11	25000		6	
	13	4000		4	
Am Wilhelmstr. und Johanstr.		140000	716	32	7
				32	
Johanstr.	Nr. 5				
	66	9000		3	
	64	7000		13	
Am Wilhelmstr.		61000		37	
Johanstr.	62	71000		34	
	60	117000		40	
	58	136000		40	
	56	137000		25	
	54	17000		5	
	50	83000		24	
	48	21000		10	
		1000		26	

1	2	3	4	5	6
Johanstr.		281000		265	
	42	117000		14	
	36	16000		6	
	34	33000		8	
	3			12	
Am Hermann und Johanstr.		42000		12	
	32	70000		22	
		1139000	3120	327	9
Hermannstr.	68	52000		9	
	66	75000		24	
	64	87000		26	
	62	180000		18	
Am Hermann		294000		69	
		564000	1545	139	11
Wilhelmstr.	31	200000		36	
	33	102000		24	
	35	257000		49	
	37	166000		37	
	39	138000		47	
	41	115000		26	
	43	181000		32	
	45	92000		43	
	47	56000		7	
	49	84000		24	
		1294000		347	

1	2	3	4	5	6
Wilhelmstr.	51	117000		59	
	53	4000		2	
	55	59000		16	
	57	114000		23	
	59	83000		15	
	61	92000		34	
	63	144000		28	
Am Wilhelmstr. und Wilhelmstr.		77000		25	
		2044000	6009	54	10
Wilhelmstr.	Nr. 5				
	87	100000		6	
	91	17000		14	
	93	22000		6	
	97	31000		14	
	99	139000		40	
	101	44000		18	
Am Hermann		72000		26	
Wilhelmstr.	30	152000		26	
	32	152000		49	
	36	85000		29	
	38	64000		17	
	40	47000		12	
	42	38000		10	
	44	45000		10	
	44a	32000		5	
	46	73000		24	
	48	139000		34	
	50	34000		15	
		953000		256	

1	2	3	4	5	6
		78000			
52	52	40000		12	6
Meinhardt	54	110000		36	
	56	37000		8	
	58	20000		6	
	60	33000		8	
	Am Meinhardt und Williamson	106000		25	
		300000	356	51	10
	Am Liberty und Williamson	199000		43	
Liberty Street	23	50000		10	
	31	10000		4	
	39	30000		7	
	41	13000		2	
	43	33000		22	
	47/49	122000		20	
	51	69000		15	
	Am Hennessy und Liberty	21000		9	
		451000	1205	164	14
Williamson	44/46	52000		7	
	44	10000		5	
	46	10000		5	
	48	12000		15	
	48	8000		2	
	50	34000		12	
	Meinhardt	164000	109	46	11
	Am Williamson und Liberty	86000		32	
	Mark 13	1000	235	32	7

1	2	3	4	5	6
	Am Liberty und Williamson	9000		3	
		9000	24	3	8
	Am Meinhardt und Liberty St.	12000		3	
		12000	36	3	12
	Am Meinhardt und Liberty St.	36000		8	
		36000	98	8	12
	Am Meinhardt und Liberty St.	47000		8	
		47000	129	8	16
Maiden Lane	742	60000		2	
	744	78000		34	
	Am Meinhardt und Liberty St.	78000		14	
		216000	444	47	9
	Am Hennessy und Liberty St.	22000		4	
	Am Williamson und Liberty St. und Am Hennessy	222000		38	
		444000	888	42	16
Liberty St.	36	17000		2	
	34	6000		2	
	30	89000		22	
	24	21000		4	
	20	74000		26	
	Liberty und Williamson	25000		10	
		424000	861	108	11
Williamson	75	22000		6	
		22000		8	

1	2	3	4	5	6
		78000			
Williamson	73	172000		28	
	71	18000		3	
	67	2000		1	
	67/69	10000		3	
	Am Williamson und Liberty St.	18000		5	
	Am Liberty und Williamson	11000		6	
		261000	737	52	14
Liberty St.	45	79000		12	
	47	67000		4	
	49	11000		2	
	51	55000		41	
	55	119000		13	
	57	135000		20	
	59	69000		20	
	61	112000		16	
	Am Liberty und Williamson	11000		1	
		659000	1605	129	14
Nassau St.	30	22000		7	
	32	11000		4	
	36	22000		6	
	38	14000		12	
		90000	263	30	9
Fulton	Am Liberty und Williamson	11000		5	
Williamson	78	22000		10	
	Mark 13 Mark 15				
	2	22000		8	
		55000	151	23	6
Liberty St.	86	440000		12	
	88	219000		53	
	90/94	89000		20	
	96	32000		11	
	98	87000		72	
	100	12000		2	
	102	52000		52	
	Am Cliff und Pearl	30000		20	
		562000	1894	[illegible]	3
Pearl St.	193	9000		2	
	Am Pearl und Liberty St.	17000		10	
		26000	71	12	6
	13	30000		3	
		30000		[illegible]	

1	2	3	4	5	6
Belmont	5	9000		3	
	7	39000		12	
	13	56000		7	
	15	11000		2	
	17	56000		12	
	23	13000		5	
	Burnt Million as Classic	68000		48	
		904000	2476	92	27
Mill Mountain	68	52000		28	
	72	69000		6	
	74	59000		25	
	76	87000		4	
	Burnt Million Mill Mountain	266000	729	03	11
	Burnt Opera House	28000		2	
Mountain View	130	28000		20	
		50000	153	20	8
	146	6000		2	
	144	11000		5	
	140	60000		7	
	136	111000		20	
	134	48000		11	
	Burnt	236000	646	43	14
Central	172	10000		4	
	178	11000		4	
	180	22000		8½	
		43000		16	

1	2	3	4	5	6
Boston	182	28000		16	
	188	85000		22	
	190	9000		3	
	192	64000		12	
		214000	627	69	9
Mill Land	140	6000		2	
		6000	16	3	5
Franklin	154	6000		3	
	152	8000		6	
	146	17000		7	
	144	7000		2	
	146 Burn at Depot	13000		4	
		51000	139	22	6
	141 Franklin Burnt at Depot	6000		2	
		6000	16	2	8
Franklin	145	17000		4	
	151	7000		4	
		24000	66	8	8
	137 Franklin Burnt at Depot	145000		32	
		145000	397	32	12
	139 Franklin Burnt at Depot	6000		12	
	158 Burnt	20000	214	12	11
	139 Franklin Burnt at Depot	10000		6	
Main	164	3000		2	
	166	44000		6	
	168 Mt Burnt Cambridge	33000		6	
		80000	219	20	11

1	2	3	4	5	6
77 Franklin Burnt at Depot		6000		3	
Cliff	13/17	10000		2	
19 Franklin Burnt at Depot		17000		5	
		30000	82	10	8
Mayflower	21	67000		5	
23 Franklin Burnt at Depot		67000	183	5	96
		44000		8	
Court	141	22000		3	
	143	12000		2	
147 Franklin Burnt at Depot		78000	214	13	16
149 Franklin Burnt		6000		2	
		6000		2	
151 Franklin Burnt		8000		2	
Cambridge		12000	33	4	8
		80000	219	3	8
Church	90	47000		10	
		47000	129	10	13
93 Franklin Burnt		11000		3	
Franklin	135	15000		6	
		26000	71	9	6

Continued page 200

3)

Remarks:

Column
1 = Street.
2 = Number of the house
3 = Consume of Gas per Year in Cubicfeet average.
4 = Consume of Gas per Day average ($\frac{\text{Column 3}}{365}$)
5 = Number of Burners.
6. = Consume of Gas by every Burner per Day ($\frac{\text{Column 4}}{\text{Column 5}}$).

4) Remark: the numbers, written with pencil are doubtful.

Block	Cub. Feet Consumed Gas per Year	Numb. of Burners	Cubic Feet per Burner $= x$; $\frac{x}{365} = y$
10	3679000	550	
20	1783000	200	
25	1651000	358	4612 : 365 = 13
28	857000	100	
35	701000	237	
43	540000	112	
51	1706000	133	12827 : 365 = 35
50	3728000	536	6955 : 365 = 19
42	1450000	569	2548 : 365 = 7
34	1576000	163	9810 : 365 = 27
27	1343000	368	
24	2687000	799	3363 : 365 = 9
19	1731000	452	3829 : 365 = 10
18	2153000	580	3712 : 365 = 10
9	2975000	897	3316 : 365 = 9
8	3752000	849	
6	2868000	868	
7	983000	437	2281 : 365 = 6
17	1802000	598	3013 : 365 = 8
23	1987000	693	2872 : 365 = 7
26	1077000	293	
33	1658000	269	6168 : 365 = 17
41	332000	143	2322 : 365 = 6
49	1004000	355	2828 : 365 = 8
Transp.	44025000	10788	

Mr. Bach 22 – 21 page 187.

Block	Cub. Feet Consumed Gas per Year	Numb. of Burners	Cubic Feet per Burner $= x$; $\frac{x}{365} = y$
	44025000	10788	
47	1320000	26	5077 : 365 = 14
48	3620000	103	3514 : 365 = 10
40	1460000	100	1460 : 365 = 4
39	860000	29	2966 : 365 = 8
32	5210000	143	3643 : 365 = 10
31	1320000	58	2276 : 365 = 6
22	6660000	228	2986 : 365 = 8
21	944000	249	
16	698000	226	3088 : 365 = 8
15	5150000	222	2320 : 365 = 6
5	40100000	1111	3609 : 365 = 10
4	1937000	486	3986 : 365 = 11
14	3530000	101	3495 : 365 = 10
3	1692000	261	4687 : 365 = 12
13	1833000	315	
30	521000	134	
38	570000	252	2260 : 365 = 6
37	1450000	322	4531 : 365 = 11
36	11610000	182	6379 : 365 = 19
46	2850000	58	4914 : 365 = 13
45	1740000	6	
44	10200000	239	4268 : 365 = 11
	61438000	15204	$\frac{4}{15}$ (4039 : 365 = 11 $\frac{1}{15}$)

Week	Cubic feet of Timber Gone per Year	Number of Trees	Cubic Feet per Trees $x = \frac{x}{365} = y$
	61438000	15204 $\frac{1}{2}$	4089: 365 = 11,1
7			: 300 = 13,5
9			
11			
13			
29			
cf. Trees 477 (Stock) 75	9000		
	61447000		
	7000		
cf. page Week 34	61370000		
cf. Trees 479	2560000		
	61126000		
+ cf. p. 182:	39000		
	61165000		
+ cf. p. 179	1610000		
	61175000		
	61754000	15204 $\frac{1}{2}$	4061: 365 = 11,1
Week 36			" " : 300 = 13,5
Continue 29	2520000	57	
12	11270000	232	
	2270000	82	
	67814000	15264	4089: 365 = 11,1
		F	300 = 13,5
Week 11	~~2271000~~	~~688~~	
" 1	4194000	1319	
	95000		
" 2	3676000	355	
" 1	3543000	448	
	75730000	17971 $\frac{1}{2}$	
Remarks	Cattleyear		

5. Index.

Verse	Scriptures	Block	Book	Block	Book
1	10, 20, 25	1		29	18
2	28, 35, 43, 51, 50	2		30	15
3	42, 34, 27,	3	14	31	11
4	24, 19, 18, 27	4	13	32	10
5	9	5	12	33	9
6	8, 6,	6	6	34	3
7	7, 8 continue 17	7	7	35	2
8	23	8	6 8 ~~7~~	36	16 & 17 & 18
9	26, 33, 41, 49	9	5	37	16
10	48, 47, 40, 39, 32	10	1	38	16
11	31, 22, 21	11	19 and 20	39	10
12	16, 15, 5	12	18 and 19.	40	10
13	4	13	15	41	9
14	14, 3,	14	14	42	3
15	13, 30	15	12	43	2
16	38, 37, 36, 44, 45	16	12	44	16.
17	46, 36. 45 and 44	17	7	45	16
18	12. 29.	18	4	46	18 & 16
19	and of 12. 11.	19	4	47	10
20.	11. (and)	20	1	48	10
21.	2.	21	11	49	9-10
22	1.	22	11	50	2
		23	8	51	2
		24	4		
		25	1		
		26	9		
Bulletin Number		27	3		
Book 3		28	2		

Continuation of page 193.

1	2	3	4	5	6
		7000	3		
	97	16000	5		
	95	4000	2		
		40000	10		
		6 7000	183	20	9
	129	22000	6		
	125/126	208000	20		
	124/123	116000	39		
	119	50000	8		
	117	18000	6		
	106	27000	134	112	14
	108	54000	15		
	110	38000	7		
	112	14000	5		
	114	93000	24		
	116	93000	8		
	118	54000	8		
		49000	7		
		359000	483	87	11
	61	28000	7		
	62	22000	10		
	64/66	19000	10		
	66	19000	10		
	67	9200	16		
		150000	403	53	9
	132	47000	11		
		10000	9		
		54000	148	18	8

1	2	3	4	5	6
	133	7000	2		
	131	60000	15		
	127/129	100000	28		
	127	22000	8		
	123/125	495000	14		
	121	83000	16		
		50000	8		
		824000	219	9	24
	90	10000	5		
	92	15000	3		
	94	40000	8		
	96	90000	15		
	98	40000	6		
	100	9000	3		
	102/104	91000	9		
		44000	8		
	104	8000	4		
		205000	561	59	9
	120	70000	21		
	122	25000	8		
	124	43000	9		
	126	11000	3		
	128	11000	4		
	130	38000	12		
		282000	57		

1	2	3	4	5	6
	50/52	46000	11		
	63	11000	3		
	81	1000	3		
	23/25	75000	14		
	29	32000	6		
		120000	28		
	168	4000	2		
	166	18000	5		
	164	274000	14		
	162	94000	14		
	160	4000	2		
	158	11000	6		
		353000	48		
	80	16000	3 (?)		
	78	164000	22		
	82	106000	24		
	88	19000	3		
	84	7 1000	22		
	86	183000	26		
	84/86	22000	11		
		491000	111		
	130/132	46000	11		
	113	21000	7		
	120	87000	17		
	122	8000	1		
	124	18000	5		
	126	11000	3		
	128	19000	6		
		206000	50		

1	2	3	4	5	6
	181	27000	12		
		24000	12		
	2	4000	4		
	10	14000	8		
	12	13000	6		
	16	11000	4		
	18	9000	2		
	20	26000	12		
	24	14000	5		
	28	32000	8		
	36/38	32000	9		
		179000	56		
	62	28000	8		
	60	23000	6		
		51000	14		

Continuation in book 19.

1	2	3	4	5	6
	60		13		
	58	76000	71		
	56	93000	2		
		18000	5		
		127000	91		
	48	111000	16		
	50/52	244000	2		
	54	113000	34		
	56	43000	12		
	58	19000	13		
	62	27000	11		
	64	2	6		
	66	45000	32		
		692000	11		

1	2	3	4	5	6
		662000			
Neuschwert	66	240000		16	
	68	8000		2	
	70	21000		8	
	70	31000		10	
	72	15000		5	
	74	8000		2	
	76	8000		2	
		714000		169	
17 Mad. Cuno 1 Wilhelmstr.		...			
Dachfest	176	4000		1	
	175	2000		2	
	177	32000		1	
	144	38000		4	

Block 11.

1	2	3	4	5	6
8 W. Cuno 1 Dachfest 1 Wilhelmstr. 2 Mad. 1 Dachfest		239000		125	
Dachfest	73	29000		12	
	67	38000		4	
	65	12000		6	
	63	50000		25	
	59/61	30000		6	
	55/57	42000		18	
	55	2		4	
		440000		200	
51–54 Wilhelmstr. 1 Mad. 1 Cuno 1 Dachfest		3		28	

1	2	3	4	5	6
Wadefest Wilhelmstr.	54/54	525000		122	
	52	32000		10	
	50/54	18000		12	
	48	675000		172	
		5700000		172	
Wadefest	48	656000		127	
	50	694000		139	
	4	23000		18	
	52	366000		119	
	54	340000		84	
	56	123000		77	
	58	39000		15	
	60	43000		8	
	62	155000		45	
	64	49000		19	
	66	127000		41	
	68	164000		34	
	70	67000		27	
	72	15000		20	
	74	26000		69	
		2897000		84 53	
				1427	
Dachfest	159/161	100000		12	
	163	160000		80	
	165	51000		10	
		311000		102	

1	2	3	4	5	6
Block 2.					
Wilhelmstr. Dachfest		6000		22	
Dachfest	61	95000		16	
	61/63	129000		3	
	57/59	141000		13	
	59	3000		1	
Cuno Oberlin Wilhelmstr.		123000		4	
		467000		59	
Neuschwert	44	2000		1	
	42/44	57000		4	
	42	87000		12	
	40	104000		8	
	38	60000		7	
	36	107000		13	
	34 2	45000		5	
	34 1	169000		6	
		9000		2	
	32	31000		4	
	30	39000		6	
	28	18000		1	
	26	48000		2	
	24	69000		6	
	22	72000		14	
		907000		90	
Neuschwert	14	124000		7	
	16/18	128000		4	
	20	1190000		28	
		1442000		39	

1	2	3	4	5	6
	22	99000		4	
	24	61000		2	
	26	168000		10	
		1770000		100	
Neuschwert	62	109000		12	
	62/64	57000		9	
	64	72000		17	
Dachfest	60	12000		25	
	58	8000		2	
	56	56000		14	
	52	19000		6	
	48	8000		3	
	46	14000		3	
	44	32000		6	
	42	141000		19	
		541000		106	
78 W. Cuno Oberlin 1 Wilhelmstr.		47000		4	
Dachfest	51/53	50000		8	
		84000		8	
	39	55000		7	
	35	39000		2	
	4	42000		4	
	4	26000		4	
	31/33	341000		37	
	37	36000		5	
	29	27000		4	
	27	133000		11	
	25	187000		5	
	23	700000		228	
		1775000		327	

1	2	3	4	5	6	1	2	3	4	5	6
	34	492000	17								
	36	90000	5								
	38	170000	15								
	40	347000	41								
	42	350000	8								
	44	134000	29								
	46	178000	6								
		1770000	121								

1	2	3	4	5	6	1	2	3	4	5	6

1 Horse-lamp = ½ Gas-lamp = 6 hours daily = 6 Cubic feet of Gas average

Block	Street	No. of Houses	Number of Lamps	Number of Cubic feet per hour for 3 hours	Street	Lamps	Cubic feet per hour
10.	Prince St.						
	Mulberry St.			27	Mulberry street	15	131400
	Nassau St.				Fulton street	18	157680
	Nassau St.			50	Gold street	4	78840
				120	Cliff street	6	52560
20.	Prince St.			19	William street	14	122640
	Gold St.			16	Pine street	3	26280
	Nassau St.				Hanover street	6	52560
	William St.			10	Exchange street	5	43800
				3	Nassau street	2	17520
				27	Ryder's Alley	2	17520
25.	Prince St.			11	Pine street	12	105120
	Cliff St.			3	Pearl street	13	113880
	Nassau St.			224	Burling Slip	13	113880
	Gold St.			3	Gold's street	5	43800
				228	Front street	7	61320
26.	Prince St.			12	South street	7	61320
	Pearl St.			12	Water street	6	52560
	Nassau St.				Fulton street	7	61320
	Cliff St.				Maiden lane	26	227760
				24	Liberty street	11	96360
35.	Park St.			2	Cedar street	4	35040
	Nassau St.			4	Depeyster street	3	26280
	Nassau St.			11	William street	5	43800
	Ann St.						
				16		199	1743240
143.	Pearl St.				Broad street	1	8760
	Front St.			23	Water street	2	17520
	Nassau St.				Wall street	2	17520
	Water St.				Pearl street	1	8760
				23	Cedar street	4	35040
						209	1830840
51.	Pearl St.						
	Fulton St.						
	Front St.			15			
				15			
50	Fulton St.	16		50			
		16	350000	80			
				96	626		

Block	Street	No. of Houses	Number of Lamps	Number of Cubic feet per hour for 3 hours	Cubic feet per hour for 3 hours	Cubic feet per hour for 6 hours
		16	350000	96	626	
42.	Nassau St.	2				2
	Nassau St.					45
	Fulton St.					
	Front St.	8				15
		10	210000	60	62	
34.	Nassau St.	4			85	
	Pearl St.	8				
	Fulton St.	6				
	Water St.	4				
		22	480000	132	85	
27.	Nassau St.	19				2½
	Cliff St.	9				40
	Gold St.	17				42½
	Fulton St.	24				
		69	1300000	355	85	
24.	Nassau St.	11				172
	Gold St.					105
	Fulton St.	39				69½
	Cliff St.	20				
		70	1530000	420	346½	
19.	Nassau St.	31			35	
	William St.	5			16	
	Ann St.	4			50	
		40	880000	240	101	
18.	Ann St.	23			44½	
	William St.	3			10	
	Fulton St.	22			8	
	Gold St.	31				
		79	1730000	474	63½	
9.	Nassau St.	4			20	
	Nassau St.	59			5	
	Ann St.	135			105½	
	William St.	57			12½	
		255	5500000	1530	153	
			12070000	3300	1340½	
					40	

Week Street	Number of Houses	Weekly Amount of Assessment	Average per Week	Collection per Week	Arrears
	Number of Houses	Weekly Amount			Arrears
8 Cuttitt:	19	120000	330	390	22½
Nassau-Str:	18				12½
Fairbrotr:	29				82½
William-Str:	18				28
	84	184000	504	420	145½
6. Fairbrotr:	21				24
Chatham:	58				10
Johnstr:	20				3
Nassau	116				
	210	460000	1260	1203	57
7 Fulton	9				109
Johnstr:	4				35½
Chatham:					3
	13	28000	76	73	145½
12 Fulton	106				
Cuttitt:	77				108½
Johnstr:	15				24
William-Str:	68				22½
	266	583000	1596	1549	240
23. Fulton-Str:	60				211
Cliffstr:	9				12
Johnstr:	14				—
Fairbrotr:	26				108
	99	217000	594	471	131
26 Fulton-Str:	46				—
Fairbrotr:	41				2½
Johnstr:	33				½
Cliffstr:	26				
	146	324000	886		2½
33 Fulton-Str:	17				50
Nassau-Str:	12				—
Water-Str:	1				—
Fairbrotr:	12				6
	29	64000	174		50
	1260	3067000	8401	6417	1192

Week Street	Number of Houses	Weekly Amount of Assessment	Average per Week	Collection per Week	Arrears
	Number of Houses	Weekly Amount			Arrears
	1400	3067000	8401		1192
41 Fulton-Str:	13				—
Front-Str:	8				4
Water-Str:	1				—
Nassau-Str:	15				—
	37	81000	222		75
49 Fulton-Str:	24				
Fairbrotr:					
Water-Str:	2				8
Front-Str:	3				—
	29	64000	174		13
48. Water-Str:	33				—
Front-Str:	12				—
Pearl-Str:	7				—
Fairbrotr:	20				—
	72	158000	432		—
47. Front-Str:	21				—
Water-Str:	35				—
	56	123000	336		—
40. Water-Str:	36				—
Nassau-Str:	5				6
Fairbrotr:	—				—
Front-Str:	11				—
	52	114000	312		6
39. Nassau-Str:	2				—
Water-Str:	62				—
	64	140000	384		—
32. Water-Str:	17				—
Front-Str:	12				—
Fairbrotr:	2				—
Nassau-Str:	14				—
	45	99000	270		—
31 Front-Str:	17				—
Water-Str:	12				—
Nassau-Str:	16				—
	45	99000	276		—
	1666	3436000	9406		1273

Mach	Preis	Summe der angefertigten Stücke	Mittlere Summe der Arbeiter	Tägliche Summe der Arbeiter	Summe der Lohnsumme	Durchschnittlicher Lohn
	1796					
22	Johann: 119		2936000	1079	2[illegible]	[illegible]
	Matthäus: 26					9
	Bernhard: 8					14
21	Matthäus: 159		335000	216		23
	Bernhard: 7					—
	Bernhard: 12					—
	Bernhard: 2					—
	Bernhard: 11					—
	Bernhard: 7					—
	Matthäus: 12					—
	Bernhard: 12					—
	Matthäus: 7					—
	Matthäus: 5					—
21	Bernhard: 5					—
	Bernhard: 0					—
	Matthäus: 31					25
	Bernhard: 21					—
		66	145000	396		25
16	Johann: 25					29
	Matthäus: 15					—
	Bernhard: 10					—
		50	110000	330		12
15	Bernhard: 40					43
	Matthäus: 18					10
	Matthäus: 25					23
	Bernhard: 8					7
		91	199000	546		40
5	Johann: 93					12½
	Bernhard: 50					—
	Matthäus: 58					44
	Matthäus: 20					20½
		221	484000	1326		166
4	Matthäus: 18					12
	Bernhard: 41					—
	Bernhard: 20		304000			—
		331	1652000	1809	[illegible]	[illegible]

Mach	Preis	Summe der angefertigten Stücke	Mittlere Summe der Arbeiter	Tägliche Summe der Arbeiter	Summe der Lohnsumme	Durchschnittlicher Lohn
	1796					
		316		1500	7	2[illegible]
14	Matthäus: 4		513000			—
	Bernhard: 12					—
		16	35000		96	—
6	Johann: 64					25
	Matthäus: 27					—
	Bernhard: 71					27
	Bernhard: 21					—
		203	445000	1216		—
13	Matthäus: 33					51
	Matthäus: 40					15
	Bernhard: 18					—
	Bernhard: 50					60
		141	309000	846		45
30	Johann: 63					—
	Matthäus: 4					6
	Bernhard: 9					—
	Bernhard: 25					90
		154	337000	924		76
25	Matthäus: 13					—
	Bernhard: 31					—
	Bernhard: 8					—
		52	114000	312		—
14	Bernhard: 33					—
	Matthäus: 49					—
	Bernhard: 12					—
	Bernhard: 12					—
		106	232000	631		—
7	Matthäus: 18					6
	Bernhard: 10					—
	Bernhard: 7					—
		30	66000	181		6
30	Bernhard: 25					33
	Matthäus: 7					—
	Matthäus: 27		129000			—
		59	260000	554		33
		3274		1662	2	86

Block	Street	Number of Houses	Number of Inhabitants	Average per House	Average per Inhabitant	Number of Cubic feet of Water supplied	Average per House per day	Average per Inhabitant per day	Remarks
			227			7180000	116½	27¾	
45	Sycamore St:	11							
	Sumbert St:	6							
	Pine St:	2							
	Fourth St:	4							
		23							
46	Pine St:	7		50000	135				
	Fourth St:	13							
	Walnut St:	53					24		
	Sycamore St:	41					3		
		114		250000	684				
		3314		7480000			20485	27¾	

(The sum 7480000 is found by multiplying the amount of the days with 365 and then assuming, that four years not 20493, but 20485).

Block	Street	Number of Houses	Number of Inhabitants	Average per House	Average per Inhabitant	Number of Cubic feet of Water supplied	Average per House per day	Average per Inhabitant per day	Remarks
Carried									
36	Fourth St:	18		39000	108			28¾	
		18							
29	Water St:	23							
	Pine St:	18							
	Peach St:	19							
	Walnut St:	16							
		76		166000	456				
12	Peach St:	24							
	Cedar St:	64							
	Willow St:	18		232000					
		106			656				
		3614		7917000					

12 Low Willow St	3	2 Elev. Water-pressure
Cement	245. (10)	18 Boilers worked by hand
11. Low Peach St: and Walnut St:	50	Pourtrait: 1 Elev. probably steam; 4 Boilers worked by hand.
Low Willow and Peach St:	10	by hand.

2961

Block	Street	Number of Houses	Number of Inhabitants	Average per House	Average per Inhabitant	Number of Cubic feet of Water supplied	Average per House per day	Average per Inhabitant per day	Remarks
11	Willow St								(13) 6 Elev. steam, 1 probably
	"								(28) 1 steam
"	Chestnut St								3 Elev. probably steam, 22 Boilers 1 Boiler worked by hand.

71

Results of the below indicated Calculations of the Coals 1 – 71 (7 Kilochs yet not received).

Consumm of Gas per Year in the Houses: ~~64 425 000~~ 63 403 000 Cub: F.

(3614 × 6 ½ × 365) reduced from 19 787 000

the throwed lamps: ~~7 480 000~~

(209 × 5.712 × 365) by street lamps: ~~2 440 000~~

~~(199 lamps × 1 hour per hour × 12 hours × 365 days)~~ 4 577 000

~~1 st per hour × 12 hours × 365 days~~ ~~1 743 000~~

Per Year 87 767 000 C.F. ~~Per Year 5 [illegible] 000 C.F.~~

~~Per Day 193 556 C.F.~~

Number of Burners in the Houses: ~~15 100~~ 15 580 B. 4 =

on the Streets: ~~199~~ 209

reduced of the Kilochs: 1807

Wiene lamps (~~2411~~) ~~707~~

2 K.L. = 1 Burner:

$\left(\frac{3614}{2}\right)$

$\frac{\text{Ges. } 17596\frac{2}{3}}{17598} = \frac{\text{Ges. } \cancel{17408}}{17408}$ Lamps of large size.

1 Horsepower = 6 Lamps of large size:

$\frac{17408}{6} = 2851\frac{5}{6} = 2851$ Horsepowers

Steamengines of 5 H.P. and below = 566

Total 3417 Horsepowers.

Per Horsepower Cubicfeet of Gas Daily:

$\frac{2851000}{193556}$ 8 ¾

= 8 Cub: Feet of Gas for Horsepower

2851

6 electric lamps = 1 Horsepower, = 1 electric lamp, the same quotient, already obtained page 195 (4039: 365 = 11,1).

1 Burner = 5 Cubicfeet.

$\frac{11,1}{5} = 2,25 = 37$ cub. Fiß. Gas equal to 1 Horsepower.

That is also the theoretical effect.

Wiene Park 28. January 1881.

Hermann Claudius.

Price-margines of 5 Barsepinnes and below Bank — 17:

1/2	D.P.	4½ =	6/12 D.P.
1	" "	57 =	57 " "
1½	" "	14 =	21 " "
2	" "	51 =	102 " "
2½	" "	10 =	25 " "
3	" "	42 =	126 " "
3½	" "	2 =	7 " "
4	" "	40 =	160 " "
4½	" "	5 =	22½ " "
5	" "	8 =	40
	248		56 (47/12) D.P.
	241		

Remark concerning the following tables:
There is entered but the number of burners, written by „numbers", not by „words", in the books. The words are but generally given notices and can be counted ~~to be~~ the highest number of burners, but not the other periods.

Nbr.	Street	House No.	Number of Burners
10	Spruce Street	2-8	2
	"	8	150
11	"	12/14	8
	Williams St.		160
	"	170	6
	"	174	4
	"	176	2
	"	178	1
	Corr. Williams & Beekman St.		2
			15
	Beekman Street	36	2
	"	34	2
	"	32	8
	"	30	22
	"	28	8
	"	24	23
	"	20	3
	"	14	1
	Corr. Nassau & Beekman Street		2
	Nassau Street		71
	"	140	2
	"	142	5
	"	144	1
	"	146	1
	"	148 (108-110)	2
	"	(110-112)	25
	"	152	8
			44
10	Spruce Street	26	1
	"	28-30	4
	"	34	4
	"	36	4
	Corr. Spruce & Gold Street		2
			15
			305

Nbr.	Street	House No.	Number of Burners
	Corr. Gold & Beekman St.		305
			6
			6
	Beekman Street	50	4
	"	54	4
	"	46	1
	"	44	10
	Corr. Beekman & William Street		4
			23
	William Street	176	2
	"	178	2
			4
25	Corr. Ferry & Gold Street		3
	Gold Street	10	1
	"	26/28	1
	Corr. Ferry & Cliff Street		2
			7
	Cliff Street	67	2
	"	69	9
			11
	Beekman Street	80/90	12
	"	84	3
	"	82/84	14
	"	76	8
	"	74	10
	"	72	6
	"	70	8
	Corr. Gold & Beekman Street		1
			62
25	Gold Street	58	1
			1
	Corr. Ferry & Cliff Street		1
			1
	Pearl Street	301	5
			5
			420

Side	Street	House	Number of Burners	Side	Street	House	Number of Burners
			420				490
	Pearl Street	293	1	50	C. Fulton & Market Streets		1
	"	291	3		C. - Front Street		1
	C. Pearl & Beekman Street		6		C. - Fulton & Pearl		6
			15		C. - South Street		1
	Beekman Street	96	2		Fulton & Market 28/29		3
	"	94	3		C. Fulton & Market Streets		2
	"	92	2		C. - Fulton St.		1
	C. Beekman & Cliff Streets		7		C. Pearl & Water & Fulton St.		1
	Cliff Street	62	2		C. Beekman & Front St.		1
	"	70	1		" " " - Fulton St.		2
			5		- Front St. Fulton St.		13
					" - Fulton St. "		8
35	Water Street	236	3		C. Fulton St. Fulton St.		4
	C. Beekman & Water Street		6		Fulton & Market 241		2
			9		" 242		1
	Pearl Street	294	2		" 214/216		—
	"	302	5		" 236		2
	"	304	2		" 273		1
	"	308	1		" 234		1
	"	310	3		" 224/226		3
	"	300	3		" 19/1/95		4
			10		" 163/165		5
					" 111-113		5
43	Front Street	228/230	4		" 125-127		8
	"	226	2		" 125/123		2
			6		" 165/167		3
	C. Beekman & Water Street		6		" 161/163		3
			6		" 215/216		8
	Water Street	209/211	2		" 99/94		12
			2		" 117/119		2
					" 172		2
51	South Street	112	1		" 176		1
	"	109	1		" 119/121		3
	"	103	1		" 171/173		5
	"	105	2		" 101/103		2
			5		" 155/157		4
	C. South & Beekman Street		1		" 201/203		4
			1		" 175/177		4
							15
			490				490

Side	Street	House	Number of Burners	Side	Street	House	Number of Burners
			490				495
			125				1
	Fulton Market 91/89		1		Pearl Street	223	4
	Fulton Market South Side		48		"	229	1
	Front & W. Pearl St. Side		56		"	223	3
	Front Beekman & Front St.		1				9
			100				
42	Beekman St.	123	8	24	Beekman Street 87/89		4
			8		" 85		1
	Water Street	213/215	2		" 83		2
			2		" 81		3
	Front Street	19	7		" 79		2
					" 75		11
					" 75		1
	C. Pearl Street & Beekman		16		" 73		1
			23		C. Beekman & Front St.		16
	Pearl Street	280	1		Beekman St. 89/89		1
	"	278	2		C. Beekman & Gold St. 65		1
							45
	"	274	1		Gold Street 64		1
	"	272	24		" Gold 64		1
	C. Fulton & Pearl Street		4		" 74/58		1
	274		29		C. Gold & Fulton Street		10
	Fulton Street 32/34		1				13
	" 31		3				
	C. Fulton St. & Water St.		8		C. Gold & Fulton Street		10
			12		Fulton Street 69		4
	Water Street 206		5		" 63		1
			5		" 61		3
					" 59		5
	C. Beekman & Cliff Sts.		1		" 57		4
			1				17
	Cliff Street	48	2				
	"	52	4	19	Beekman	59	11
	"	47	7		"	57	1
	C. Fulton & Pearl St.		6		"	55	5
			19		"	53	4
	Fulton Street 44		2		"	51	2
			2		"	49	3
	C. Fulton & Pearl Street		1		"	47	2
			1		"	45	4
	Pearl Street 271		1		C. Beekman & William St.		16
			705				42
							542

Ward	Street	House	Number of Burners
			872
	1881 Williamstreet	164	6
	"	162	3
	"	160	9
	"	158	5
	C. William & Cumstr:		15
			38
	Cumstreet	79	6
			6
	Frankenmuth:	59	2
			2
16.	Cumstreet	86	2
	C. Fulton & Cumstreet		25
			27
	C. Cum & Williamstreet		2
	Fullamstreet	152	4
	"	150	4
	"	148	4
	"	146/148	2
			10
	C. William & Fulton St.		5
	Fulltonstreet	97	10
	"	95	2
	"	87	9
	"	85	1
			27
	C. Fulton & Gulstr:		2
			2
9.	C. Frankenm & Williamstr:		1
	Frankenmuth:	33	5
	"	31	19
	"	29	3
			28
			970

Ward	Street	House	Number of Burners
	Frankenmuth:	27	7
	"	25	8
	"	23	12
	"	21	6
	"	19	6
	"	15/17	35
	C. Hanover & Frankenmuth		1
			95
	Hanover:	132	1
	"	14/16	1
	"	122	4
	"	120	8
	"	116	3
	"	118	2
	"	114	3
			22
	C. Hanover & Cumstr:		1
	Cumstreet	39	1
	"	39/41	1
	"	41	4
	"	43	1
	"	45	1
	"	49	2
	"	51	3
	"	53	4
	"	55	1
	"	57	4
	"	59	2
	"	59	3
	"	59/61	3
	C. Cum & Williamstr:		34
			7
	Williamstreet	161	7
			1124

Ward	Street	House	Number of Burners
			1124
			5
	Williamstreet	163	3
	"	167	5
	C. William & Cumstr:		2
			15
	Cumstreet	62	2
		60	6
	C. Cum & Fulton St.		18
	" " "		12
	" " "	58/61	4
	Cumstreet	53/57	50
	"		6
	"	48	2
	"	46	1
	Cum & Fulton St:	43/47	6
	Cumstreet	42	1
	C. Cumstr: & Hanover St:		10
			68
	Hanoverstreet	102	2
	C. Cum & Hanover St:		14
	Hanoverstreet	100	9
	"	98	4
	C. Hanover & Fulton St.		41
			70
	Fulltonstreet	125	26
	"	123	6
	"	119	2
	"	117	8
	"	109	4
	"	105	3
	C. William & Fulton St:		33
			82
	Williamstreet	149	5
	"	159	3
			8
			1361

Ward	Street	House	Number of Burners
			1361
			5
	Williamstreet	145/147	5
	"	139	5
	"	131	13
	"	125/129	6
	"	123	1
	"	119/121	12
	Cum & Fulton St.	115/117	13
			62
	C. Fulton & Hanover St:		4
	Fulltonstr:	124	3
	"	122	15
	"	120	8
	"	118	18
	"	116	21
	"	114	27
	C. Fulton & Butchstr.		6
			102
	Butchstreet	17	2
	"	15	3
	"	9/11/13	8
	"	5	3
	C. Butchstr & Johnstreet		11
			27
	Johnstreet	47	4
	"	45	1
	"	43	2
	"	41	19
	"	39	7
	"	37	4
	"	35	4
	C. Hanover St. & Johnstr:		7
	Johnstreet	33	7
			50
			1602

Ward	Street	House	Number of Burners
			1602
	Vesey street	74	1
	"	76	2
	"	76	1
	"	80	2
	"	84	14
	"	86	9
	"	88	3
			32
7	Cor. Pearl & Fulton street		6
	Fulton street	110	1
	"	106/108	40
	"	104	25
	"	102	8
	"	100	2
			82
	Cor. John & William street		8
	Johnstreet		15
	Cor. John & Dutch street		21
			44
	Dutch street	12	6
	"	16	2
			8
17	Cor. William & Fulton street		9
	Fulton street	96	4
	"	94	7
	"	92	10
	"	90	9
			39
	Gold street	45	3
	"	43	1
			4
			1804

Ward	Street	House	Number of Burners
			1804
	Gold street	33	1
	"	29/31	1
	Cor. Gold & Johnstreet		2
			5
	Johnstreet	83	2
	"	79	22
	"	77	16
	"	75	1
	"	71	4
	Cor. John & Williamstreet		2
			47
	Williamstreet	116	3
	"	118	1
	"	126	2
	"	128	1
	"	130	2
	"	140/146	15
	"	148	6
			30
23	Fulton street	76	1
	"	74	1
	"	70/72	30
	Ryder's Alley South side	48	1
	Cor. Ryder's Alley & Fulton st.		4
	Fulton street	66/68	1
	"	64	9
	"	62	3
	"	60	1
	"	58	4
	"	56/60	4
	Cor. Fulton & Cliff st.		8
			67
			1986

Ward	Street	House	Number of Burners
			1986
	Cliffstreet	27	12
	"	25	6
	"	23	8
	"	21	2
	"	19	4
	"	11	8
	"	11/13	4
	"	7/9	20
	Cor. Johnstreet & Cliffstreet		64
	Cor. John & Cliff st.	100	18
	Johnstreet	95	1
	"	93	2
			14
	Gold street	30	1
	"	38	2
	"	50/52	2
	"	44	1
			6
26	Fulton street	50	2
	"	46	1
	"	44	2
	Cor. Fulton & Pearl street		5
	Fulton street	40	3
			15
	Pearl street	257	5
	"	255	2
	"	251	14
	"	245	2
	"	243	4
	Cor. Pearl & Johnstreet		1
	Johnstreet	113	2
			50
			2085

Ward	Street	House	Number of Burners
			2085
	Cliffstreet	18	3
	"	24	1
	"	26	3
	"	28	2
	"	32	1
	"	34	10
33	Cor. Frankfort & Water street		3
	Frankfort street	36	1
	Cor. Frankfort & Gold st.		1
			5
	Cor. Pearl & Frankfort street		20
	Water street	194	2
	"	186/190	6
			28
	Pearl street	242	4
	"	244	2
	"	246	1
	"	254	14
	"	258/260	36
	"	262	7
			64
41	Frankfort street	22	1
	Cor. Frankfort & Front st.		2
	Front street	196	1
	"	194	2
	"	192	2
	"	186	3
			11
	Dunning Slip	17	1
			1
			2204

Block	Street	House	Number of Runners
			2204
	Water street	185/187	1
	"	197	1
			2
49	C. Fulton & Front street		10
	Fulton street	12	1
	"	10	6
	"	20 & 22	2
	C. Fulton & Water St.		5
			42
	South street	92	3
	"	91	4
	"	90	1
			8
	Dunlop Slip	31/35	6
	"	29	1
	C. Water & Dunlop St.		1
	Water St.		8
	Front street	189/191	2
			2
48	C. Water & Dunlop Slip		2
	Dunlop Slip	92	5
			7
	C. Front & Fletcher St.		4
			4
	South street	76	1
	C. South & Fletcher St.		4
	Front street	83	4
	"	85	2
			11
			2277

Block	Street	House	Number of Runners
			2277
	South street	76	11
			1
			12
47	C. Water & Dunlop St.		2
			2
40	C. Dunlop Slip & Water St.		2
			2
	Water street	177	2
	"	173	1
	"	171	1
			4
	Fletcher street	22	1
			1
39	N. Water St. & Dulane		1
			1
	Dulane	157	1
	C. South & Water Dulane		1
			2
32	Pearl street	226	1
	"	222	1
	"	220	1
	"	218	2
	"	216	1
	"	214	12
			18
	Fletcher street	4	2
			2
			2321

Block	Street	House	Number of Runners
			2321
	Water street	166	3
	"	176	1
			4
31	Fletcher & Pearl St.		1
			1
	Dulane	129	2
	C. Dulane & Water St.		1
			3
22	John street	108	1
	"	106	4
	"	104	3
	C. John & Water St.		4
	Front street	98	3
	"	96	2
	"	94	3
	John street		1
			21
	C. Front & Pearl St.		4
	Pearl street	13	1
	"	3	1
	C. Pearl & Water St.		2
			8
	Pearl street	227	1
	"	231	2
			3
21	C. Pearl & Water St.		4
	Pearl St.	240	3
			15
			2361

Block	Street	House	Number of Runners
			2361
	Pearl street	12	3
	"	14	1
			4
	Front street	7 & 10	25
	"	8	2
			27
	Maiden lane	97	5
			5
	Pearl street	207	5
	"	209	3
	"	215	2
	"	217	10
	C. John & Water St.		2
	John street	86	2
	"	84	4
	"	82	2
	"	80	2
	"	78	3
	"	76	8
	"	74	2
	"	72	1
			27
	Water street	106	4
	"	104	6
	"	102	1
	"	98	1
			12
	John street	21	1
			1
	C. Water & John St.		2
			2
			2462

Ward	Street	House	Number of Burners
			2552
			2
	Cherstreet	28	1
			3
	Williams St.	90	2
	"	88	2
	"	86	1
	C. Williams St. & Maidenlane		2
			6
	C. Maidenlane	67	1
	"	73	1
	"	81	3
	"	83	1/2
			6
	C. Pearlstreet	9	6
	"	13	1
	C. William & Johnstreet		5
			12
			4
5.	Johnstreet	64	4
	C. John & Williamstreet		8
	Johnstreet	62	4
	"	60	3
	"	58	3
	"	56	6
	"	50	12
	"	48	1
	"	42	9
	"	36	2
	"	34	5
	C. Nassau & Johnstreet		3
			53
			2535

Ward	Street	House	Number of Burners
	Nassaustreet	68	5
	"	66	7
	"	64	3
	"	62	9
	C. Maidenlane & Nassau St.		13
			37
	Maidenlane	31	16
	"	33	6
	"	35	11
	"	37	12
	"	39	17
	"	41	10
	"	43	10
	"	45	6
	"	47	4
	"	49	5
	"	51	14
	"	53	1
	"	55	3
	"	57	10
	"	59	7
	"	59/61	5
	"	61	4
	"	63	9
			130
	Williamstreet	87	2
	"	93	1
	"	95	6
	"	99/101	4
	"	99	7
	"	101	1
			21
			2741

Ward	Street	House	Number of Burners
			2741
4.	C. Maidenlane & Nassau St.		5
	Maidenlane	30	1
	"	32	2
	"	36	6
	"	38	2
	"	40	3
	"	42	2
	"	44	4
	"	44½	4
	"	46	12
	"	48	13
	"	50	5
	"	52	2
	"	54	8
	"	56	1
	"	60	1
	C. Maidenlane & Williamstr.		7
			68
	C. Liberty & Williamstr.		10
	Liberty St.	31	1
	"	39	2
	"	41	1
	"	43	10
	"	47/49	12
	"	51	4
	C. Nassau & Liberty St.		1
	Nassaustr.	42/46	1
	"	42	3
	"	48/50	2
	"	50	4
			51
			2870

Ward	Street	House	Number of Burners
			2870
14.	C. Liberty & William St.		1/2
			12
	Maidenlane	70	2
	"	74	7
	C. Maidenlane & Liberty St.		2
			12
	C. Nassau & Liberty St.		1
	C. Liberty, Nassau & Pearl St.		6
			7
	Liberty St.	26	2
	"	30	4
	"	24	12
	"	20	2
	C. Liberty & William St.		2
			22
	William St.	75	4
	"	73	8
	"	71	1
	C. William & Pearl St.		2
			15
	Pearlstreet	45	3
	"	47	8
	"	51	4
	"	53	9
	"	57	10
	"	59	6
	"	61	6
			46
13.	C. Maidenlane	86	3
			3
			2984

Wch. Street	House	Number of Burners
		2984
Maidenlane	88	3
		40
	90/94	4
	102	2
E. Dr. Pearl & Beekman:		9
		56
Cedarstreet	3	2
	17	2
E. William & Dutch		8
		14
Williamstreet	72	4
	74	6
	76	2
		12
		37
30 E. Maidenlane & Pearl St:		1
		1
Waterstreet	136	16
		16
Pearlstreet	174/176	8
	182/186	16
	188	8
	192	6
		38
35 Frontstreet	152	1
	146	2
		3
44 Frontstreet	148	1
	150	1
		2
E. Front & Wallst.		2
		6
		3138

Wch. Street	House	Number of Burners
		3138
27 E. Coenties Slip & Pearl St:		10
Maidenlane	166	2
"	168	2
		6
Southstr:	73/74	1
E. Coenties Slip & Pearl St:		1
E. Coenties Slip & Pearl St:	34	1
E. Coenties Slip & Pearl St:		1
		2
Frontstr:	141	1
"	143	2
		3
E. Coenties Slip & Pearl St:		15
		15
E. Water & Pearl St:		9
		9
Frontstreet	132	2
E. Pearl & Front St:		2
		4
Waterstreet	133	1
"	133	1
"	137/139	9
"	141	1
"	143/145	13
"	151	16
		6
E. Wall St: & Water St:		44
		4
Wallstreet	92	2
"	96	2
"	102/104	2
		6
		3231

Wch. Street	House	Number of Burners
		3231
E. Front & Wall Street: (Continued in Book 18 not calculated).		7
		3
		3
		3236
E. South & Pine Street		3
		3
Pinestreet	90	6
		6
E. Front & Pine Street		3
Frontstreet	135	3
"		6
Pinestreet	95	1
E. Front & Pine St:		1
		1
Frontstreet	129	2
"	135/137	12
"	139/141	12
"	149	3
		29
Wallstreet	108	3
"	110	1
"	112	2
"	114	5
"	116	2
"	118	2
E. South & Wall Street		1
		16
Southstreet	61	2
"	62	1
"	65	1
		4
		3296

Wch. Street	House	Number of Burners
		3296
		3
Southstreet	66	1
"	67	4
		9
		3305
Entire: Frontstreet		213
	36	
	29	
Waterstreet		21
Pinestreet		7
Pearlstreet		18
Wallstreet		20
	12	
Cedarstreet		6
Williamstreet		7

Hoistmen and Elevators:

Hoistmen: 558 driven by Pendotts:
1 " " Steam
57 " " " probably.

Sc 611

Elevators: 13 driven by Waterotts:
32 " " Steam
9 " " " probably

Sc 54 Bowls 1, 2, 11 got not received.

1 Hoistmen = 7 Lamps - 1 Horsepower.
1 Elevator = 35 " - 5 - "

Average paid per month for Bas, arrounded on Half or full Dollars:

Block 10.	Block 20.	Block 25	Block 28
2 à ½ $	1 à ½ $	2 à ½ $	1 à ½ $
3 " 1 "	3 " 1½ "	4 " 1 "	1 " 1 "
4 " 1½ "	5 " 2 "	4 " 1½ "	1 " 2 "
5 " 2 "	5 " 2½ "	7 " 2 "	1 " 2½ "
2 " 2½ "	4 " 3 "	2 " 2½ "	2 " 4 "
4 " 3 "	2 " 3½ "	1 " 3 "	2 " 5 "
3 " 3½ "	2 " 5 "	5 " 3½ "	1 " 5½ "
2 " 4 "	2 " 6 "	3 " 4 "	1 " 6 "
3 " 5 "	1 " 7 "	1 " 5 "	2 " 7 "
1 " 6 "	2 " 8 "	1 " 6 "	2 " 7½ "
3 " 7 "	1 " 10 "	1 " 7 "	2 " 9 "
1 " 10	1 " 12 "	1 " 8 "	1 " 13½ "
2 " 12	1 " 25 "	2 " 9 "	1 " 14½ "
2 " 18	1 " 200	1 " 11 "	1 " 35½ "
1 " 20	24	1 " 12 "	19
1 " 21		1 " 15	
1 " 22		1 " 20	
1 " 25		1 " 25	
1 " 28		1 " 50	
2 " 30		1 " 75	
1 " 55		33	
1 " 80			
1 " 200			
59			

Block 35.

3	à $\frac{1}{2}$	$
4	" 1	"
12	" $1\frac{1}{2}$	"
2	" 2	"
1	" $2\frac{1}{2}$	"
1	" 3	"
2	" 4	"
1	" $6\frac{1}{2}$	"
2	" 8	"
1	" 9	"
1	" 10	"
1	" 11	"
2	" 12	"
1	" $14\frac{1}{2}$	"
29		

Block 43.

3	à $\frac{1}{2}$	$
5	" 1	"
1	" $1\frac{1}{2}$	"
1	" 2	"
2	" $2\frac{1}{2}$	"
2	" 3	"
2	" 4	"
1	" 5	"
2	" 8	"
1	" 11	"
1	" 15	"
1	" 21	
25		

Block 51.

1	à $\frac{1}{2}$	$
2	" $1\frac{1}{2}$	"
1	" 4	"
3	" 5	"
1	" 6	"
1	" 7	"
1	" 9	"
2	" 11	"
1	" 12	"
1	" 15	"
1	" $16\frac{1}{2}$	"
1	" 38	"
1	" $43\frac{1}{2}$	"
1	" 49	"
18		

Block 50.

1	à $\frac{1}{2}$	$
2	" 1	"
5	" $1\frac{1}{2}$	"
5	" 2	"
1	" $2\frac{1}{2}$	"
21	" 3	"
2	" $3\frac{1}{2}$	"
16	" 4	"
6	" $4\frac{1}{2}$	"
3	" 5	"
2	" $5\frac{1}{2}$	"
3	" 6	"
1	" 7	"
3	" 9	"
1	" 10	"
1	" 12	"
1	" 15	"
1	" 16	"
1	" $18\frac{1}{2}$	"
1	" $26\frac{1}{2}$	"
1	" 35	"
1	" 45	"
1	" 50	"
1	" 80	"
1	" $154\frac{1}{2}$	"
81		

Block 42.

1	à $\frac{1}{2}$	$
1	" 1	"
2	" 2	"
1	" $2\frac{1}{2}$	"
1	" 4	"
1	" $4\frac{1}{2}$	"
1	" 6	"
1	" 9	"
1	" $13\frac{1}{2}$	"
1	" 15	"
1	" $15\frac{1}{2}$	"
1	" $16\frac{1}{2}$	"
1	" 150	"
16		

Block 34.

2	à 1	$
3	" $1\frac{1}{2}$	"
4	" 2	"
3	" $2\frac{1}{2}$	"
2	" 4	"
2	" $4\frac{1}{2}$	"
1	à $5\frac{1}{2}$	"
1	à $6\frac{1}{2}$	"
1	" 10	"
1	à $15\frac{1}{2}$	"
1	à 17	"
2	" 21	"
1	" 28	"
1	" 123	"
25		

Block 27.

3	à $\frac{1}{2}$	$
6	" 1	"
3	" $1\frac{1}{2}$	"
2	" 2	"
1	" $2\frac{1}{2}$	"
1	" 3	"
1	" $3\frac{1}{2}$	"
2	" 4	"
3	" $4\frac{1}{2}$	"
4	" 5	"
3	" $5\frac{1}{2}$	"
1	" $9\frac{1}{2}$	"
1	" 10	"
1	" $12\frac{1}{2}$	"
1	" 13	"
1	" $13\frac{1}{2}$	"
1	" $17\frac{1}{2}$	"
1	" 23	"
1	" 25	"
1	" 47	"
31		

Block 24.

3	à $\frac{1}{2}$	$
7	" 1	"
1	" $1\frac{1}{2}$	"
3	" 2	"
5	" $2\frac{1}{2}$	"
5	" 3	"
5	" $3\frac{1}{2}$	"
5	" 4	"
1	" $4\frac{1}{2}$	"
3	" 5	"
4	" $5\frac{1}{2}$	"
1	" 6	"
2	" 8	"
1	" 9	"
3	" 10	"
2	" $10\frac{1}{2}$	"
1	" $11\frac{1}{2}$	"
1	" 12	"
1	" 14	"
1	" 15	"
1	" 16	"
2	" 18	"
1	" 30	"
1	" 40	"
1	" $54\frac{1}{2}$	"
1	" $72\frac{1}{2}$	"
53		

Block 19.

5	à	1 $
2	"	1½ "
1	"	2 "
6	"	3 "
1	"	3½ "
1	"	4 "
2	"	4½ "
3	"	5 "
2	"	5½ "
1	à	9 "
3	"	9½ "
1	"	14½ "
1	"	20 "
1	"	26½ "
2	"	50 "
1	"	56½ "
93		

Block 18.

4	à	1 $
2	"	1½ "
4	"	2 "
7	"	2½ "
5	"	4 "
1	"	4½ "
1	"	5½ "
1	"	6 "
2	"	6½ "
1	"	7 "
1	"	12 "
1	"	12½ "
1	"	13 "
1	"	15½ "
2	"	16½ "
1	"	200 "
77		

Block 9.

2	à	1 $
11	"	1 "
6	"	1½ "
8	"	2 "
4	"	2½ "
8	"	3 "
3	"	3½ "
2	"	4 "
3	"	4½ "
1	"	5 "
3	"	5½ "
2	"	7 "
2	"	7½ "
2	"	8 "
4	"	9 "
2	"	10½ "
1	"	15 "
1	"	19 "
1	"	23 "
1	"	25 "
1	"	38 "
1	"	51½ "
69		

Block 8

4	à	1½ $
6	à	1 "
3	"	1½ "
4	"	2 "
2	"	2½ "
2	"	3 "
5	"	3½ "
2	"	4 "
2	"	4½ "
4	"	5 "
1	"	6 "
1	"	7 "
2	"	7½ "
2	"	8 "
1	"	8½ "
1	"	9 "
3	"	9½ "
2	"	10 "
1	"	10½ "
2	"	13 "
1	"	13½ "
1	"	15 "
2	"	16 "
1	"	18 "
1	"	19 "
1	"	20 "
1	"	22½ "
1	"	25 "
		49
		1 " 31½ "
		1 " 33½ "
		1 " 34 "
		1 " 37½ "
		1 " 40½ "
		1 " 53 "
		1 " 78 "
		66

Block 6.

4	à	1 $
8	"	1 "
2	"	1½ "
5	"	2 "
4	"	2½ "
4	"	3 "
7	"	3½ "
3	"	4 "
2	"	4½ "
1	"	5 "
5	"	5½ "
5	"	6 "
1	"	6½ "
1	"	7 "
1	"	7½ "
1	"	8 "
6	"	8½ "
2	"	9 "
1	"	9½ "
1	"	10 "
2	"	11 "
1	"	11½ "
1	"	12½ "
2	"	13 "
1	"	16 "
1	"	20½ "
2	"	23 "
1	"	25 "
1	"	26½ "
1	"	53 "
1	"	54 "
1	"	62½ "
75		

Block 7.

1	à	1½ $
5	"	1 "
1	"	1½ "
2	"	2½ "
1	"	3 "
1	"	3½ "
2	"	4 "
1	"	4½ "
1	"	11 "
2	"	15½ "
1	à	25 "
1	"	28 "
1	à	31½ "
1	à	33½ "
1	à	53½ "
20		

Block 15

5	à	1½ $
1	"	1 "
8	"	1½ "
5	"	2 "
3	à	2½ "
7	"	3 "
3	"	3½ "
5	"	4 "
2	"	4½ "
2	"	5½ "
2	"	6 "
4	"	7 "
3	"	8 "
1	"	8½ "
1	"	10 "
1	"	10½ "
1	"	15½ "
1	"	19 "
1	"	27 "
1	"	67 "
70		

Block 23

3	à	1½ $
8	"	1½ "
2	"	2 "
2	"	2½ "
1	"	3 "
1	"	3½ "
1	"	4 "
1	"	4½ "
1	"	5 "
1	"	6 "
1	"	6½ "
1	"	8 "
1	"	8½ "
1	"	9½ "
1	"	10 "
1	"	10½ "
1	"	11½ "
1	"	13½ "
1	"	14½ "
1	"	16 "
1	"	16½ "
1	"	19 "
1	"	23 "
1	"	24 "
1	"	27 "
55		

Block 26.

8 à $\frac{1}{2}$ $
4 " 1 "
4 " 1½ "
3 " 2 "
3 " 2½ "
1 " 3 "
1 " 3½ "
6 " 4 "
1 " 4½ "
3 " 5½ "
2 " 7 "
2 " 8 "
1 " 8½ "
1 " 14½ "
1 " 16 "
1 " 19 "
1 " 24½ "
42

Block 33

2 à $\frac{1}{2}$ $
3 " 1 "
1 " 1½ "
1 " 2 "
1 " 2½ "
2 " 3 "
1 " 4 "
1 " 4½ "
1 " 5 "
1 " 8½ "
1 " 9½ "
1 " 16½ "
1 " 17½ "
1 " 19 "
1 " 28½ "
1 " 78 "
1 " 104½
21

Block 41.

1 à $\frac{1}{2}$ $
3 " 1 "
3 " 1½ "
3 " 2 "
1 " 2½ "
1 " 4 "
2 " 4½ "
1 " 5½ "
1 " 7 "
1 " 8 "
1 " 12½ "
18

Block 49.

1 à 1 $
4 " 1½ "
3 " 2 "
1 " 2½ "
1 " 3 "
1 " 6 "
1 " 6½ "
1 " 7½ "
1 " 8½ "
1 " 9½ "
1 " 12½ "
1 " 19 "
1 " 22 "
1 " 29½ "
1 " 49½ "
20

Block 48.

8 à $\frac{1}{2}$ $
4 " 1 "
3 " 1½ "
2 " 2½ "
1 " 4 "
1 " 4½ "
1 " 7 "
1 " 8 "
1 " 9½ "
2 " 10 "
1 " 12½ "
20

Block 47.

4 à 1 $
1 à 21½ "
5

Block 40.

4 à $\frac{1}{2}$ $
6 " 1 "
6 à 1½ "
3 " 2 "
2 " 2½ "
1 " 4 "
21

Block 39.

1 à 1 $
1 " 1½ "
3 " 2 "
1 " 2½ "
1 " 4 "
1 " 5½ "
6

Block 32.

1 à $\frac{1}{2}$ $
1 " 1 "
4 " 1½ "
1 " 2 "
7 " 2½ "
2 " 4 "
1 " 7 "
1 " 12½ "
1 " 50 "
26

Block 31.

1 à $\frac{1}{2}$ $
2 " 1 "
1 " 1½ "
2 " 2½ "
1 " 4½ "
1 " 5 "
1 " 6 "
9

Block 22.

3 à $\frac{1}{2}$ $
5 " 1 "
3 " 1½ "
5 " 2 "
2 " 2½ "
1 " 3 "
2 " 4 "
1 " 5½ "
3 " 6 "
1 " 8½ "
3 " 9½ "
1 " 12 "
1 " 20½ "
30

Block 21.

12 à $\frac{1}{2}$ $
6 " 1 "
6 " 1½ "
4 " 2 "
2 " 2½ "
1 " 3 "
5 " 3½ "
1 " 4 "
3 " 4½ "
3 " 5½ "
1 " 13½ "
1 " 77 "
45

Block 16.

2 à 1 $
2 " 1½ "
4 " 2 "
5 " 2½ "
5 " 3 "
1 " 3½ "
3 " 4 "
1 " 4½ "
1 " 5 "
1 " 5½ "
1 " 6 "
1 " 7½ "
1 " 10 "
1 " 11½ "
1 " 16½ "
1 " 20 "
25

Block 15.

1 à $\frac{1}{2}$ $
3 " 1 "
4 " 1½ "
1 " 2 "
5 " 2½ "
5 " 3½ "
1 " 5 "
2 " 5½ "
1 " 6 "
1 " 7 "
2 " 8½ "
1 " 9½ "
1 " 11½ "
1 " 12 "
1 " 17 "
26

Block 5.

3 à $\frac{1}{2}$ $
8 " 1 "
4 " 1½ "
15 " 2 "
5 " 2½ "
10 " 3 "
3 " 3½ "
9 " 4 "
5 " 4½ "
2 " 5 "
3 " 5½ "
10 " 6 "
3 " 7 "
2 " 7½ "
5 " 8 "
1 " 8½ "
1 " 9 "
2 " 9½ "
7 " 10½ "
1 " 11 "
1 " 12½ "
1 " 13 "
1 " 13½ "
111

111
1 à 14½ $
1 " 15 "
3 " 15½ "
1 " 17½ "
1 " 22 "
1 " 25 "
1 " 29½ "
1 " 37 "
137

Block 4.

1 à $\frac{1}{2}$ $
8 " 1 "
12 " 1½ "
9 " 2 "
7 " 2½ "
3 " 3 "
9 " 3½ "
3 " 4 "
2 " 4½ "
1 " 5½ "
5 " 6 "
2 " 7 "
2 " 7½ "
1 " 8½ "
1 " 9 "
1 " 9½ "
1 " 10 "
2 " 10½ "
2 " 12 "
2 " 12½ "
1 " 14½ "
2 " 15 "
7 " 16 "
7 " 19 "
7 " 23 "
7 " 26 "
76

Block 14.

1	à $\frac{1}{2}$	$
2	" 1	"
2	" $1\frac{1}{2}$	"
1	" $2\frac{1}{2}$	"
1	à $5\frac{1}{2}$	"
[illegible]	" (1à6)	
2	" $14\frac{1}{2}$	"
1	" 16	"
6		

Block 3.

1	à $\frac{1}{2}$	$
2	" 1	"
1	" $1\frac{1}{2}$	"
8	" 2	"
2	" $2\frac{1}{2}$	"
1	" 3	"
3	" $3\frac{1}{2}$	"
7	" 4	"
1	" $4\frac{1}{2}$	"
1	" 5	"
1	" $5\frac{1}{2}$	"
1	" 6	"
1	" $7\frac{1}{2}$	"
1	" 8	"
2	" $8\frac{1}{2}$	"
1	" 9	"
1	" 13	"
1	" $14\frac{1}{2}$	"
1	" 15	"
1	" $16\frac{1}{2}$	"
1	" 17	"
2	" 21	"
1	" 27	"
1	" $41\frac{1}{2}$	"
43		

Block 13.

6	à $\frac{1}{2}$	$
6	" 1	"
3	" $1\frac{1}{2}$	"
3	" 2	"
5	" $2\frac{1}{2}$	"
3	" 3	"
2	" $3\frac{1}{2}$	"
4	" 4	"
1	" $4\frac{1}{2}$	"
1	" 5	"
2	" $5\frac{1}{2}$	"
1	" 6	"
2	" 8	"
1	" $8\frac{1}{2}$	"
1	" 9	"
2	" $10\frac{1}{2}$	"
1	" $12\frac{1}{2}$	"
1	" 15	"
1	" $16\frac{1}{2}$	"
1	" 39	"
1	" 125	
48		

Block 30.

3	à $\frac{1}{2}$	$
7	" 1	"
3	" $1\frac{1}{2}$	"
2	" 2	"
2	" $5\frac{1}{2}$	"
1	" 7	"
1	" 11	"
1	" 12	"
1	" $15\frac{1}{2}$	"
1	" 21	
22		

Block 38.

2	à 1	$
2	" $1\frac{1}{2}$	"
1	" $2\frac{1}{2}$	"
1	" 3	"
6		

Block 44.

2	à $\frac{1}{2}$	$
4	" 1	"
2	" $1\frac{1}{2}$	"
2	" 3	"
2	" 4	"
1	" 6	"
2	" $8\frac{1}{2}$	"
1	" $12\frac{1}{2}$	"
16		

Block 37.

1	à 27	$
[illegible]		

Block 17.

3	à $\frac{1}{2}$	$
9	" 1	"
11	" $1\frac{1}{2}$	"
1	" 2	"
2	" $2\frac{1}{2}$	"
1	" 3	"
1	" $3\frac{1}{2}$	"
2	" 4	"
1	" $4\frac{1}{2}$	"
1	" $5\frac{1}{2}$	"
2	" $8\frac{1}{2}$	"
1	" $9\frac{1}{2}$	"
1	" 10	"
1	" $14\frac{1}{2}$	"
1	" $15\frac{1}{2}$	"
1	" 93	
39		

Block 45.

3 à 1 $
3 " 4½ "
1 " 9 "
1 " 16½ "
8

Block 46.

9 à ½ $
6 " 1 "
12 " 1½ "
4 " 2½ "
2 " 3 "
1 " 3½ "
3 " 4 "
1 " 4½ "
1 " 5 "
1 " 5½ "
4 " 6 "
1 " 7 "
1 " 7½ "
1 " 8½ "
1 " 9 "
1 " 9½ "
1 " 11 "
1 " 39 "
52

Block 36 Cents.

2 à ½ $
2 " 1 "
2 " 1½ "
4 " 2 "
4 " 2½ "
4 " 3 "
2 " 3½ "
1 " 4½ "
1 " 6 "
1 " 6½ "
1 " 7 "
1 " 7½ "
1 " 8 "
1 " 8½ "
1 " 9 "
1 " 10 "
2 " 14 "
1 " 19 "
1 " 31 "
1 " 51½ "
41

Block 29. Block 12

2 à ½ $
2 " 1 "
2 " 1½ "
4 " 2 "
4 " 2½ "
1 " 3 "
1 " 3½ "
1 " 4½ "
1 " 5½ "
2 " 6 "
1 " 7 "
1 " 7½ "
1 " 8 "
1 " 10 "
2 " 14 "
1 " 19 "
1 " 31 "
1 " 51½ "
41

Block	Street	6-7	7-8	8-9
10	Spruce street	163	153	3
	William street	13	18	20
	Beekman street	65	61	46
	Pleasant street	15	16	15
		256	248	84
20	Spruce street	6	6	6
	Gold street	4	4	4
	Beekman street	1	1	1
	William street	5	5	5
		16	16	16
25	Ferry street	2	2	2
	Beekman street	32	20	20
	Gold street	—	—	—
		34	22	22
26	Ferry street	15	15	15
	Pearl street	9	11	11
	Beekman street	—	—	—
	Cliff street	5	5	5
		29	31	31
35	Park slip	—	—	—
	Water street	—	—	—
	Beekman street	3	9	9
	Pearl street	19	19	2
		22	28	11
43	Park slip	1	2	1
	Front street	11	11	—
	Beekman street	1	4	—
	Water street	—	—	—
		13	22	1
51	Park slip	12	17	17
	South street	78	78	57
		90	95	74

Block	Street	6-7	7-8	8-9
		90	95	74
	Beekman st	—	—	—
	Front st	12	12	12
		102	107	88
50	Fulton st	325	215	211
		325	215	211
42	Beekman st	19	16	16
	Water street	11	11	11
	Fulton st	81	23	23
	Front street	17	2	2
		128	52	52
34	Beekman st	3	3	3
	Pearl street	12	7	6
	Fulton street	59	12	20
	Water st	5	—	—
		79	22	29
27	Beekman st	7	—	—
	Cliff st	11	1	1
	Fulton st	58	19	9
	Pearl street	21	—	—
		97	20	10
24	Beekman st	1	—	—
	Gold street	4	4	—
	Fulton st	86	34	3
	Cliff st	—	—	—
		90	38	3
19	Beekman st	16	15	15
	William st	20	8	6
18	Ann street	28	28	20
	William st	21	21	21
	Fulton st	51	45	14
	Liberty st	7	7	3
		143	124	58

38. 23. 21.

Mch	Street	6-7	7-8	8-9
9	Beekman St:	36	36	8
	Nassau street	52	22	7
	Ann street	47	13	5
	William street	18	10	10
		153	81	30
8	Ann street	108	75	54
	Nassau street	70	43	16
	Fulton street	58	8	8
	William street	3	3	3
		239	129	81
6	Fulton street	185	101	101
	Dutch street	25	20	1
	John street	22	13	13
	Nassau street	86	35	19
		318	169	134
7	Fulton street	64	8	2
	John street	2	2	2
	Dutch street	19	9	—
		85	19	4
17	Fulton street	79	40	7
		79	40	7
	Totals	2270	1383	693

Mch	Street	6-7	7-8	8-9	Mch	Street	6-7	7-8	8-9